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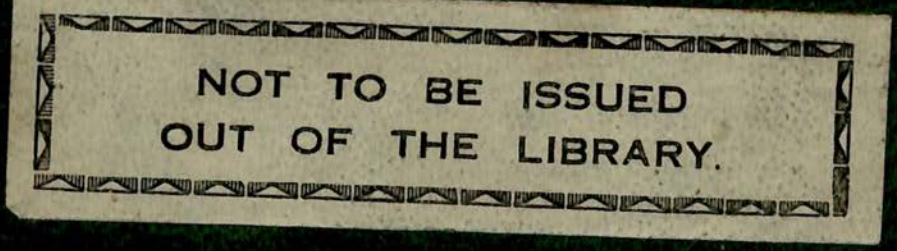
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C# %:523'.1' >053057' 305' ' >575' 1(3:7(,'258' 49' ,(>$ (7-:58
45;E75' (,,' 305' :8-52' '1' 305' G<05@:57$ (18' 2533,58' 30(3' 3059'
>575' # # # # # # # # # # # ' ,K3
(<.1=2' I'5>2' (2' 3.' 305' ;.75'-1' E.,'<9' .;' 1-,(18# ,'2';7(-6513
.1' ' ' ' ' ##/B

' #

! ') ' 8, ' H

/# ..?' .;' E7'I(35' 656.7(18(# 5157(,'2:7I59' .;' 305' <.135132' # /
. ' . $ ' $ '
(, %8,' ' ' = FL
% /$ % ' ,>' , % ' 7, ,%,' :,9' ' H '
'33.$' :,9' B' B '
'33.$' :,9' C' '
'33.$' :,9' ' CF'
'33.$' :,9' L' L
'33.$' :-# B' # / L
'33.$' <3# $ /B L'

' #

/B # ' # H

/# 4:252' .;'1;.76572' :E.1' E51(,', (> 2 ########################LB
+,' ,% * # ,' ' /' (8,/ ')#+ ' +,' $% ?
8,# /' " ' %' ,$+, ' % # % LC
533572'3.' (,'24:79#
' '),' 1 ' ,' + /' 7,% ' 0' # +,' # +
%, /)%,%' *' 2 0' A :-# H$ /B D' # # # # ' /
.' +,' / ,' A <3# $ / B D ##' / B
.' +,' / , ##/ B
F# .E'20',45,2' (-('123'305' 656.79' .;' %:551' ,'M(4530# (<.1=2
656.7'(,' .;'057';5,'<'3'52' # # # # # # # #/ C
.' %' 9, % ,' % ' ' ;% #,')$ ' /, 0 ' + ' + /
' N' ' ; ,< 2(' (2("1 (' O ' 'P' # # / L
H# .6651<56513' .;' 305' <.,.1'2(3'.1' .;' ,2357# E'1'.1' .;' 305
,(>' .;;'<572' (2'3.' 305' 8'2E.2(,' .;' <.1;'2<(358' ,(182' # # # //
/ =,%/' ' +,' @),/ /' /, ' ' 2 0' *% '
2' < %0' + ,*' % ' $' +,' 2>#+,A),%' ' %, 0' '
.66'22'.1572' (EE.'1358'3.' E75E(75' (' 2<0565# (<.1=2'375(3'25'
.;'(8I'<5#
' ' ' ' ' ' ' ' ' '
' ' ' ' ' # # # # ' //H

, 4 ' B 321 C ' "4 9' 42' < " ' :
%, 0' $%, /, , 0' ' + /' (8, /

' #

/B L# ' # HL#

/# '2E:35' 12' 3.' 305' Q:7'28'<3'.1' .;' 305' 7.I'1<'(,' .:1<',' .;' (,52
.I57' 305' ;.:7' 20'752' (7-:58' 49' .:125,' 45;.75' 305' :8-52#
(<.1=2' (7-:65132' ;.7' 305' Q:7'28'<3'.1' # # # # # ' / C
<, ,%' ' (%' 7 ,%' A 54# C$ /B D' # # # # ' /
F# ' +,' 2 %' *' /)%' AB' :,9$ /B LD' # # # / L
' +,' / ,' A/' :-# / B L D ##' /F
.' +,' / ,' D B' 5E3# / B L D ##' /F
'' ' %' (#+ , ' :,/' D ' :-# /B LD' # # # # ' /F/
7.-7522' .;' 305' -75(3' 123(:7(3'.1#
' ?77 ' ' (%' (+, ')#+ ' /)% ' (' /F
' +,' / ,' ' /FH
.' +,' / ,' /F
' /FB
' <2 21' "' (1' (2E' 4 "' 2 3 9' "' (' F 1
' ' /)% ' (' A/' <3# /B LD' # # # /FC
5(30' .;' '7 0.6(2' 6'30# 05',(23',53357'75>7'3351#
' :# (+ , BG
B# '20.E 1875>52'(18' (78'1(,' 5,,(76'1' # # # # ' /H '
' ' ' , ' '2 5' ' ' '
' ' ' ' ##/H/
C# (<.1=2' 4..?' .1'305' >'28.6' .;' 305' 1<'5132# 7.4(4,5'6.3'I5'
;.7' E:4,'20'1-'3' (3' 30'2' 3'65# .8571' I'5>2' .;' 305' 65(1'1-
.;' 305' .,8' 69302' # # # # # # # # ' /H
' ' ' (%' (2E' ' ' ' ' '
3,' $, 'H, ,%) 'A/C' 54# /B/ D' # # # # ' /HH
(<.1' '1I'352' 2((<' (2(:4.1$ 3051' '1' (7'2$ 3.' (' <.7752E.1851<5' /H
' ' ' # ## /HB

' #

/B/ # ! #

3(35' .;' 305' G<05@:57# 78'1(79' '1<.65' .;' 305' 7.>1' '12:;;'J
<'513' ;.7' '32' .78'1(79' .:3,(9# 5<75(25' '1'305' I(,:5' .;' :42'8'52#
5(30' .;' 305' .78' 75(2:757' (18' <.18'3'.1' .;' 305' 75(2:79#
(,'24:79' 2:<<5582' 3.' 305' .;;'<5# '2?;'723' 65(2:752# '2' 85J
I'<5' .;' 305' 75(3' .137(<3## //

(-5
553'1-' .;' (7,'(6513 AL' 54# / LK/ D# .1;5751<5 453>551
305' .:252' # # # # # # # # # ' / F
2 , " ' *' ,, ' ' ' ' ' ' ' 2 4<' " '
< 4 5' ' 2' " 212 2' " ' 2' E'" "4 2 ' !
; , %) % ' /B LK/ ' ##' /
.137'4:3'.1' (18' 537'4:3'.1# 0(3' 305' '1-' 856(1858$' (18'
>0(3' 05' .';5758' '1' 5G<0(1-5' # # # # # #/ L
F# 7.<558'1-2' .;' 305' .66.12' (-('123' 7# .>5,,' ;.7' :1<.123'3:J
3'.1(,' 8.<37'152' E:4,'2058' '1' (',(>' 8'<3'.1(79# :EE7522'.1' .;'
305'4..?'49' 7.<,(6(3'.1' # # # # # # #/B/
' :73057' <.1;5751<52' <.1<571'1-' 305' 75(3' .137(<3# 053057
(782' (18' 51:752' >575'3.' 45'E(73' .;' 305'7537'4:3'.1' # # /B
' 22 ' " ' 2' - 9.' ' ' ' ' .
' ' *,%, #,' ' // ' *% ' +,' /I
' ' ' ' ' ' ' , ' '
/' ' $, ' ' +,' - ' ' ' ,%
"' 12 ' ";' ' "(" " ' E ' ' (2 5' ;"1' E 13
3' ,) % , / ##/BF
'45739' 3.' 375(3' -7(1358' A (7<0' / D#
;;57' 10(85' 49' 305' .66.12' A (7<0' BD' $ # # SC
',(3.79' E7.<558'1-' .;' 305' .I5716513# EE(7513'6E.,'<9' (18
E7.4(4,5' 6.3'I5' .;' ' 3 ##/BC
B# 75351858' 6'2:185723(18'1-2# (,'24:79=2' 15>' I572'.1' .;' 305
.I5716513' E7.E.2(,' A E7',' BD# 505<358' A (9' FD# 5-.3'(J
3'.1' 47.?51' . ; ; ##$/BL
C# .,,5<3'.1' .;' 7'5I(1<52# 6E.2'3'.12# 522(-5';7.6'305' '1-
3.' 305' .66.12' 75<5'I58' 307.:-0' 305' .:1<',' # # #/C
' $, ,#+' $' +,' - ./' # %' $,%/) 0 ' +,')/,'
";' /' 0,/ / ' $% ' *)% +,%' A),/ ' *' %,?
#, 7 ' +,' - ./' ,// ,/' ' +, %' $, :,%' 0'
;1"(' 2' "35' " ' 2' "4 <' ' E2<<' ' ;1"(' 2
- ./' $, % / ##/CC
52.,I58' 1.3' 3.' 75<5'I5' 6522(-52' ;7.6'305' .:1<',' (2' 6522(-52'
;7.6'305' '1-$' 4:3'305'752.,:3'.1'1.3'75<.7858' # # # /
05' '1-' >(712' 305' .66.12' 1.3' 3.' 8'2E:35' 0'2' ' 3.',(9
'6E.2'3'.12' :E.1' 657<0(18'2521' 30.:-0' >',,'1-' 3.' E:3' (',' 6'3
:E.1'305'5G57<'25' .;' ' 3 ##/ /
,/' *' # ./' $,,#+' ' ,,' 07 / ' +,
' ' ' ' % ' # # # # # # ' /
53'3'.1' .;' '-03' E75251358$-7(<'.:2,9'75<5'I58$(18'-7(1358' A (9'
U D ##/ H
L# 22(22'1(3'.1' .;' 5179' # 5-.3'(3'.1' .;' 305' 75(3' .137(<3
752:658# (,'24:79' :7-52' 5GE58'3'.1' A :15' D# 7'52' 3.' -53'
(' -7(13' .;' 2:42'8'52' (3' .1<5' A :15' //D$ 4:3' >'30.:3' 2:<<522' # /

/B/ $))/ J) , ' 8, ' KF#

/## (77'(-5' (77(1-58' 453>551'305' 7'1<522' ,'M(4530' (18'305' ,5<3.7'
(,(3'15' .;' 305' 0'15# N' '8'P' 3.' 45' ,5I'58# 05' ,(>957=2
>.77'5137:2358'3.' (<.1' # # # #$F F
/ %)# /' ' +,' // ,%/' * %' # ,# ' +,'
3' "' 2' (11 92' ";' 2' 1 2 ' 2< N 2 ' # F
' <, ,%' ' +,' - ')#+ ' + /' 2/ ,' ' , ,% '
/ 30' 5E356457$ /B/ ' # # # # ' # # # F/
B' ##) ' *' +,' , ,/' * %' %,$ %' *' +,' - ./
2/ ,' 0' % / ' *' , /' ' ' ' ' B '
' ' 1,$ % ')$ ' ' $% $ / # #,% ' +,') , ?
' ";' 2' - ./' , % ' %,7,),' ' # 7,% ' $'
' 0/' ' ' , % ' *,, * % ' %, ') $,0'
' $% $ % ' ' ' E ' 2' "E' 12 2H2 ' # F C
1@:'79' '13.' 85<5'32' E7(<3'258' 49' 305' (76572' .;' 305' :23.62
(18' .;' 751<0' (18' 051'20' >'152' # # # # FFB
1,$ % ' *% ' < %0' + #, %' 2 ,/ ,%,' 0' < %0'
% + $ 'A87(>1' :E' (EE(7513,9'49' (<.1D$ //' <3# /B/ ' FFC
B# 5>' I.,:65' .;' 22(92' E:4,'2058# 1351858' 858'<(3'.1'3.' 305
7'1<5#
' +,' / ' + +' 0',>#, , ' % #,' , % ' % #,'
";' E ,/0' 3):,' *' % ' 0' 2 % ' $' +,/ ,%'# FH '
5(30' .;' 305' 7'1<51' 56565647(1<5' .;' 0'2' <0(7(<357' >7'3351' '1'
(3'1'49' (<.1' # # # # # $ # # # FH/
C# 5(30' .;' '7' 5.7-5' (759# (235720'E' .;' 305' (782' (-('1
I(<(13#
P<, ,%' 'H /#) '1 #+,/ ,%' # # # # # ' FH '
''5' E,(<5' -7(1358'3.' '7' (,357' .E5############################## FH
(6(-5' .;' 305' 7'1<522' ,'M(4530# 7':6E02' (18' 75Q.'<'1-2#
X.'13' (2@:5'.;' 7(9=2 11'(18'305',11YZ' 56E,5' # # FHF
L# .<37'15' (18'E7(<3'<5' .;' 305' 45-'11'1-' .;' 305' /C30' <513:79' >'3,'
75-(78'3.',4573Q' .;' 2E55<0# .125@:51<52' .;' :3357'1-' .E'1'.12'
857.-(3.79'3.' 305' E7'I',5-52' .;' 305' .:25' .;' .66.12# 05'
2(65' >'30' 75-(78'3.' 305' E757.-(3'I52' .;' 305' 7.>1' # # FH
7.<558'1-' 45;.75' 305' .782#.;' 305' .:1<',$ (22'2358' 49' 305
:8-52$ (-('123' ,''35,.<?5' (18'K :12<,' ;.7' 2,(1857'1-' 305'
'1-=2' .66'22'.1' (18'<512:7'1-' 0'2$E757.-(3'I5' # # # FHB
#' *') # ' 7 ' +,' /) / #,' *' +,'#+ % ,'
/, , #,' 0' %0,%' *' +,')%' A/' :15$ /B/FD' # FH

7(1<52 .>(78 57 6(77'(-5 3. .<452357$ <75(358 (7,
.; .6572533 ;.7 305 .<5(2'.1 (<.1=2 <.6E,'6513(79 .;;57J
'1-.;305 (2@:5.; ,.>572#= 7.4(4,5 6.3'I5 (18 .<<(2'.1 L
75I(,51<5 .; 8:5,2 7.<,(6(3'.1 (-('123 3056 49 305 '1-
(<.1=2 75<.6 6518(3'.1 FL

FLB
7.25<:3'.1 '1 305 3(7<0.6457 .;(<0(51-57 (18 4'2 25<.18 FLC
+, + % , * , , # / # - + + / (?
8,/ ./ % , 9, ,%)#+ 3), /)$
* % +, ,#+ , , / , , / 0
E% + E + +, 3,#%, , *+ +, ,#+ ,% 2 / , #)/, /B/H FLL

185G 3. .,:65 # H/C

'1 /B LT (18 (3,(23?1'-4358$ (18 (EE.'1358 .15 .;305 (23572'1 0(1<579'1 75,(18T (18'8'58'(4.:3/B B$ (3'305'(-5.;'25I5139K3>.#P* :3 8.:43 >053057 05 0(8 (19'75(2.1';.7'30'1?'1-'2.$ 6.75'30(1 30(3'05'>(2 (' 6(1'>0.6 (<.1'>(2','?5,9'3.'0(I5'?1.>1'(18'3(?51' (1''E'Q57523'1#

05 26(,,' 8';;'<:,39 >0'<0 ' 6513'.158 (2 756('1'1-'3.'45'5GJ E,('158$ '2 6575,9'30(3 (<.1'2(92 0'2'47.3057K'1K,(>'>(2'?1'-0358 .1'(' :18(9$ (18'305' 30'.;' <3.457$/B C$ >051' '7 .01' .123(4,5 >(2'?1'-0358$^'>(2'(' .18(9# :3 (' 6'23(?5'.;' (' 8(9'1'2:<0 (' 6(3357 6'-03'5(2',9'45'6(85$ 5'3057 307.:-0' 6'2'1;.76(3'.1'.7 6'2K 75<.,,5<3'.1#

05 758:<3'.1'.;' 75,(18' 3.'.458'51<5'(18'<'I','M(3'.1'0(8' 4551' E7.<558'1-'2,.>,9$307.:-0' 6(19'8';;'<:,3'521 (18'30.:-0' (<.1'0(8' 1.3' 953' ;.:18' .<<(2'.1' 3.' .;;57 (19';:73057 (8I'<5' .7' 05,E' '1' 305' >.7?$ 305' 3>.'15G3',533572'20.>'30(3'05'<.13'1:58'3.'>(3<0'305'E7.J -7522' .;' '3' >'30' '1357523# 05'8(35' (18' .<<(2'.1'.;' 30(3'>0'<0' ' E,(<5';'723' '2' :1<573('1T 5G<5E3'30(3$ 45'1-'>7'3351' (;357' 5<',>(2' 75(358' (7,'.;' (,'24:79$ '3'<(11.3'45'E,(<58'5(7,'57'30(1'305'B30'.;' (9$/B ' T (3'>0'<0'3'65' '7' 7306*' 0'<052357'>(2' .78' 5E:39' '.;' 75,(18T (18' (2'1.'@:523'.1'.;''6E.73(1<5'85E5182'':E.1'305'8(35$ '3' '2'2<(7<5,9'>.730'>0',5'3.'255?';:73057';.7'65(12' .;';'G'1-'3' 6.75' 5G(<3,9#

05'25<.18',53357'>(2'E7'1358'49' '7<0'N;7.6'305' #<.,,5<3'.12' .;' .457' 35E0512$ 2@#$ 85<5(258$P'>0.';.:18' '3'E7.4(4,9'1'305' 2(65'<.,,5<3'.1';7.6'>0'<0'305',53357'3.' 7# :77(9'<(65T 30575' 45'1-'<.E'52' .;'4.30',9'1-'15(7'3.-53057'1'305' (1157' #$ '1'305' [.8,5'(1' '47(79#^' 05'8(35'>0'<0'3'45(72',5(I52'1.'8.:43'(2'3.' 305'.<<(2'.1'3.'>0'<0'3'75,(352# 05'N'15>'(<<'8513'P'<.1<571'1-' >0'<0' '7' .01' (I'52'0(8'2513' (<.1'('N'8'2<.:725$P'<(1'0(I5'4551' 1.'.3057'30(1'305';,'-03'.;' 97.15'(18' 97<.115,,';7.6' 75,(18$ >0;30'0(8'3(?51'E,(<5'.1'305' 30'.;' 5E3564 57#

05''6658'(35' .<<(2'.1'.;'305'7';,'-03'2556 2'3.'0(I5'4551'('2:6J 6.12'3.'(EE5(7' '1' .18.1$ >0575'('@:523'.1'(7'2'1-' .:3' .;'('<.6J E,('13'6(85'(-('123' 97.15';.7'2.65'(74'37(79'E7.<558'1-' (-('123' (

* .35''1' '7<0=2'58'3'.1'.;' (<.1=2 .7?2#
^ '<0. 2'A 7.-7#''#E#/H0'2(92'05'>(2'?1'-0358'.1'305'C30$ >0'<0'>(2'('581528(9# :3'05'-'I52'1.'(:30.7'39$ (18'0'2'.>1''2'.;'<.:725''1;57'.7'3.'30(3'.;'305' #'1'305' 57(,8=2' .,,5-5T ;.7'('1.35'.;'>0'<0' ' (6''1854358'3.' # #'1-$ 2@#$ .7?' 57!8#
^ 3'<(11.3$ '30'1?$0(I5'4551'3(?51';7.6'305'0 5'(((''123$=>0575''3';'723'(EE5(758''1'E7'13'AE# CBD# .7'452'852'30(3'305'8(35''2'>(13'1-'30575$'305'E7'1357=2'.7' 37(12<7'457=2'577.72'(75'.;'2:<0'('?'18'30(3'305'<.775<3'35G3'<.:,8'0(78,9'0(I5'4551' .43('158'49'(19''1-51:'39''1'<.105<3:7'1-#

'

15'-04.:7' <0'5;' >(2' 3.' 45' 37'58' 45;.75' 305' '1-†4:3' 305' 6('1'<(:25' >(2' 305' 85357 6'1(3'.1'.;' 305' .I571 6 513' 3.' 47'1-' 305' <0'5;2' :1857' .458'51<5' 3.' 305',(># N 3''2'<573('1$P' 2(92' '7' .01' (I'52$ >7'3'1-' 3.' .78$ 0(1<5,,.7' ,,52 6 575' .1' 305' / 30'.;' 5E35 6 457$ /B C$*' N'30(3' 97.15''1'0'2' 05(73'8.30'75E'15'(3' 305' 1-,'20' .I571 6 513''1' 0'2'<.:1379$ >0575$:13',' 0'2',(23' 2:46'22'.1'A(2' >5,,' 45;.75'0'2'75J 45,,'.1'(2''1'305'3'6 5'.;'0'2'7545,,'.1D$ 05' 5157','I58','?5'(';755'E7'1<5$ .7' 7(3057','?5'(1'(42.,:35'397(13'30575# :3' 1.>' 305',(>'.;' 1-,(18'(18'305'6'1'23572'30575.;'>575'20(<?,52'(18'0(18,.<?2':13.' 0'6$ (18'305'-(77'2.12'E,(1358''1'0'2'<.:1379'>575'(2'E7'<?2''1'0'2' 2'85# 52'852$ 3.' 5I'<3' (19'E(73'.;'30(3',(18';7.6'0'6$ >0'<0' 05' 0(30'05753.;.75'05,8'(;357'305' 7'20'6(1157$ 6(?'1-'(,,' 305' 351(132' 30575.;' 0'2' I',,('12'A30.:-0'305'37.30'45'30(3';.7'.15'6.'539'.;' 0'2' <.:1379'(3',5(23$ 05' >(2' 5'3057'(' 8'225'2.7'.;' 305' ^#.;' 76(-,'' (18' ,.-057$ .7'(1''137:857':E.1'305' '1-=2' E.22522'.1D$ 30'2' >(2' (2'-7'5I.:2':13.' 0'6'(2'3.' E'1<0'(>(9'305'@:'<?';,520';7.6'0'2'4.89# 0525'30'1-2'8.:43,522'0(I5'4758' 8'2<.13513 6 513'3''1'0'6 ₩ (18'1.>' 0'2'(-5'(18'0'2'4:7305158'<.12<'51<5$ >0'<0'1.' (42.,:3'.1'<(1' 6(?5' (,3.-53057'<,5(7$ 0(I5'.;',(35''1<75(258' 0'2' 65,(1<0.,9$ 2.'(2' 05' >(2' -7.>1' I579'E512'I5'(18'E(22'.1(35$ (18' 305' ;7'(72' (18' E7'5232'E57J <5'I'1-' '3' 0(I5'>7.:-03' 6'-03',9' :E.1' 0'2'E(22'.1# 0575;.75''3' 6(9'45' 05' 0(30'05(7?5158' 3.' 2.65'E7.Q5<3'.;'375(2.1$ >0'<0' 05' ;5(7530''2'8'2<.I5758$ (18'30(3';5(7'0(30'37(12E.7358'0'6'13.' E('1# .7''3'0(30'4551'3.,8'69' .78' 5E:39$'30(3'(2' 05' 1.>' E(2258' 307.:-0'0'2'<.:1379$ 0.'2('8'3.'2.65'.;'0'2';.,,.>572'30(3';' 05'>513' '13.' 1-,(18'05'20.:,8'5'3057'45'E57E53:(,'E7'2.157''1'305' .>57$ $.7'5,25',.25'0'2'05(8'(18'0'2'656 4572$ 65(1'1-'A(2' '3(?5''3D'05' 20.:,8'0(I5'305'Q:8-6513'.;'('37('3.7# ###' 2';.7':2'30(3'(75'0575$ >5'(75'-,(8'3.' 255'305'8(9'>0575'1'305'<.:1351(1<5'(18'6(Q5239'.;' 305',(>'(18'<'I',' -.I571 6 513'0(30'4(1'2058' 97.15'.:3'.;' 75,(18$ >0'<0'305'4523'(7 6 9''1' :7.E5'(18'305'5GE51<5'.;'3>.' 6',,'.12'.;' 2357,'1-'E.:182'8'8'1.3'47'1-'3.'E(22# 18'>5'0.E5'0'2' (Q5239=2' 0(EE9'-.I571 6 513'>',' >.7?'('-75(357'6'7(<,5''1'30'2'?'1-8.6'30(1' 5157' 3# (37'<?'8'8'†;.7' 3# (37'<?'8'8'.1,9'4(1'20'305'E.'2.1.:2' >.762$ 4:3'2:;'5758'305'651';:,,'.;'E.'2.1*3.''10(4'3'305',(18'23',,† 4:3'0'2' (Q5239=2'4,52258'-51':2'>',' 4(1'20'(,,'30.25'-5157(3'.12'.;' I'E572'.:3'.;''3$ (18'6(?5''3'575''3'45',.1-'('7'-03';.73:1(35''2,(18#P' N '1<5'305'8(35'.;'30525',533572'A05*(882''1'('E.232<7'E3D$ ' >(2' <.66(1858'49'30.' .78' 5E:39'3.'87(>' (1''1237:6513'.;'(22.<'(J 3'.1'3.'4@5 2>.71'(18'2:42<7'458':13.'49'305'1.4,5651'(18'-513,5J 651'.;'30'2'?'1-8.6# 3''2'8.15''1'30(3';.76$ (2' '8(75'4.,8,9'2(9' 1.' 6(1'>.:,8'0(I5'75;:258'3.'2>5(7'(18'2:42<7'45':13.'' 3†4:3''1

75-(78 .; 305 1.15,39 .; '3 2.65 >575 .; .E'1'.1 30(3 305 2(;523 >(9 >(2 3.' 37(126 '3 '3 '13.' 1-,(18 ;'723 (18 3.' 0(15 >(77(13 ;7.6 3051<5 3.' .;;57 '3 3.' 30'2 E5.E,51 305 <.E9 >0575.; ' 2518 :13.' 9.:7 E# 51<,.258#P

05 8'2<.:725 >0'<0 (I'2 2513 3.' (<.1 0(2 1.3 4551 E75257I58 >'30 305 ,53357 4:3 45'1-' >7'3351 2.' 15(7 305 2(65 3'65 >5 6(9 E752:65 30(3 '3 75,(358 3.' 30'2 2:4Q5<3 (18 >(2 <.1<5'I58 '1 305 2(65 2E'7'3# 0(3 (<.1 0(8 3.' 2(9 :E.1 305 :25 3.' 45 6(85 .; 305 #.<<(2'.1 >5 20(,,' 255 0575(;357#

' < , ,% ' (% ' ,%#, ' ,#%, % ' ' +,' 3,$) ' * %, o K

7# 57<5$

' (6 -,(8 3.' 05(7 .;' 9.:' (2 ' 8.$ (18 ;.7 69 E(73 9.:' 20(,,' ;'18 65 75(89 3.' 3(?5 (19 .<<(2'.1 3.' ;:73057 9.:7 <758'3 (18 E75;576513$ (18 ' 8(75 (22:75 9.:' A30.:-0 ' (6 1.' :1857J 3(?57D 3.' E75E(75 9.:7 >(9 >'30 69 .78 .;' (,'24:79 ;.7 (19 -..8 ;.73:15 >0'<0 6(9 45;(,' 9.:# .:' 35(<0 65 3.' <.6E,('1 .;' 4:2'1522$ >057549 ' >7'35 305 6.75 47'5;,9$ (18 953 ' (6 2.' :1Q:23$ (2 30(3 >0'<0 ' (,,5-5 ;.7 69 .>1 5G<:25 ' <(11.3 (8K 6 '3 ;.7 9.:72# .7 ' 6:23 49 5GE5<3'1-' 5G(<3 9.:7 ,533572$ >'30 30'2 ;7:'3 .;'9.:7 2:;;'<'51<9$ (2 3.' :185723(18 0.>' 30'1-2 E(22 '1 30(3 ?'1-8.6# 18 V30575;.75 0(I'1-' 45-:1 ' E7(9 9.:' <.1J 3'1:5# 0'2 '2 1.3 6575,9 <:7'.2'39$;.7 ' 0(15 5157 A ' ?1.>' 1.3 49 >0(3 '123'1<30 >'2058 >5,,' 3.' 30(3 :1E.,'2058 E(73 .;' 30'2 <7.>1# 18 2.' >'30 69 I579 ,.I'1-' <.6 6518(3'.12 ' 756('1#

.' %' + ' 3 7/' /' (8,/ ./ % , ' 9, ,% ' %, o

7# 33.7159$

' 30(1?' 9.:' ;.7 9.:7 ,53357$ (18 305 8'2<.:725 9.:' 2513 .;' 30'2 15>' (<<'8513$ (2 30'1-2 3051 (EE5(758# ' 255 6(1';523,9 305 45-'11'1-' .;' 453357 .7 >.725 4:3 65 30'1?530 '3 '2 ;'723 (' 351857 .;' 305 453357$ (18 >.725 ;.,,.>530 4:3 :E.1 75;:2(,' .7 85;(:,3# ' >.:,8 0(15 4551 -,(8 3.' 255 9.:' 0575 F^ 4:3 ' 0.E5 .<<(2'.1 75257I530 .:7 6553'1-' ;.7 (' I(<(3'.1$ >051 >5 6(9 0(15

* 88# # F# f (<.1=2 .<?2$ 58'358 49 '7<4$ BF# f N' 0'2 % , 513 # # # 8.30 <7.22 69 <.6'1-' .157 305 15G3 3576$ 49 '13577:E3'1-' 305 4:2'1522 >0575'1 ' 20.:,8 0(15 4551'56E,.958#P 53357 3.' ,,526575$ (4.15 @:.358# 05 4:2'1522 >(2 1(3(.-& 97.15=2 <(:25$ >0'<0 >(2 3.' 0(15 4551 45(78 '1 .18.1#

<2 21 3 < 22 "2 21 " R + $

6 .75 ;7 : '3 . ; <. 1;5751<5# . 75@ : '35 9 . : 7 E7 . 5,(6 (3' . 1$ >0'5,'$ '1 6 9 Q : 8 - 6 513$ '2 >'25,9 (18 257' . : 2,9 E51158$ 2518 9 . : (1 . 3057 > '30 : 2$ >0'<0 0(EE5158 3 . 45 '1 6 9 0(182 >051 9 . : 72 <(6 5# > . : ,8 45 -,(8 3 . 05(7 . ;351 ;7 . 6 9 . : $ (18 3 . 45 (8 I57J 3'258 0 . > 30'1 - 2 E(22$ >057549 3 . 0(I5 2 . 6 5 . <<(2' . 1 3 . 30'1?' 2 . 6 5 - . . 8 30 . : - 032'Q 30 . : - 0 <(1 8 . ,'33,5# 3 305 ,5(23 '3 >',, 45 (' <. 13'1 : (1<5 '1 5G57<'25 #. ; . : 7 ;7'51820'E$ >0'<0 . 1' 6 9 E(73 756 ('1530 '1<75(258 49 30(3 05(7 . ; 9 . : 7 257I'<5$ (18 305 - . . 8 752E5<32 ;'18 3 . > (782 6925,;# 18 2 . '1 . 76 . ''7=2 0(235$!' < . 13'1 : 5

. : 7 I579 , . I '1 - ;7'518$

; % #

7 . 6 7(9=2K 11$ 30'2 F8 . ; <3 . 4# /B C#

F#

R 0 . : - 0 305 '1 - =2 4 . : 139 ; , . >58 6 : <0 6 . 75 ; 755,9 3 . 30 . 25 (4 . : 3 0'6$ >0575 05 <. : ,8 255 (18 20(75 305 E,5(2 : 75 '3 - (I5$ 30(1 3 . 30 . 25 >0 . >575 8 . '1 - 0'2 05(I9 > . 7?' '1 305 '7 <0(6 4572 . 7 '1 305 . : 732$ 953 305 > . 7?'1 - 651 <(65 '1 ; . 7 2 . 65 . ; 305 <7 : 642# 5(7 305 518 . ; (' , '23 . ; ;552 -7(1358 49 0'2 (Q5239 P 45; . 75 305 B30 . ; : - : 23$ /B C$/ ;'18 305 ; 4,,. > '1 - 5137'52W \

N ' (7 . 1 . ; 305 G<05@ : 57 '1<75(258 //F* B= R*
Ù N ' : 8 - 5 . ; 305 '1 - =2 51<0 '1<75(258 / * BÙ R*
N ' : 8 - 5 . ; 305 . 66 . 1 ,5(2 '1<75(258 / * B* R*
N '7 7(1<'2 (<. 1 / *=

: 3 '3 > (2 . 15 30'1 - 3 . 43('1 (' - 7(13 . ; 305 6 . 159$ (18 (1 . 3057 3 . 43('1 305 6 . 159 '325, ;# . 7 305 '1 - 0'6 25, ; 6 : 23 - 53 '3 45; . 75 05 =(1 - I5 '3$ (18 305 7 . 9(,,523 6'18 . ; 4 . : 139 <(11 . 3 6(?5 '3 <. 65 ; . 730 ;7 . 6 305 E,(<5 >0575 '3 '2 1 . 3# 05 G<05@ : 57 1 . 3 45'1 - (4,5 3 . (12>57 (,, 2 : <0 856(182$@ : 523 . 12 15<522(7',9 (7 . 25 >0'<0 20 . :,8 45 (12>5758 ;'723$ (18 30525 > . :,8 1(3 : 7(,,9 ,5(8 3 . 8'2E : 352 >'30 305 . ;;'<572# 3 >(2 E7 . 4(4,9 30'2 - 7(13 . ; _ / $. 7 2 . 65 . 3057 - 7(13 . ; 305 2(65 ?'18$ 30(3 ,58 3 . 305 N ,53357N4 ; 5GE . 23 : ,(3' . 1P >0'<0 <. 652 15G3$ (18 >0'<0 - 'I52 : 2 (1 . EE . 73 : 1'39 . ; 255'1 - (<. 1 (' ,'33,5 . : 3 . ; 356E57#

'7 '1<513 ?'1157 >(2 (1 . ;;'<57 . ; 305 75<5'E32 . ; 305 G<05J @ : 57$^ >0. 25 8 : 39$ 2 : EE . 25$ '3 >(2 3 . E(9 . : 3 . ; 30 . 25 75<5'E32 2 : <,'

/ 1 30 `Ù 56('123=305 > . 782 N '1 . 76 . : 7=2 0(235P (75 . 6 '3358# N . 76 . : 7$P /2 : EE . 25$ '2 (6 '275(8'1 - $ \ 4 : 3 >,'(3 305 > . 78 >(2 '3 2556 2 '6E . 22'95 3 . - : 522# (128 . >1 # / B# ;# / F#

^ 9657$ GI '# E# HLC# 55 (,2 . ' (' ,53357 ;7 . 6 0'6 3 . ' 7 : : 2 552(7$:,9 /B C# (128# # / B# ;# //B#

/B CK #a ' ' ' % #

2:7(2' (2' >575' <,('7(58' :E.1' 8:5' >(77(13# 3' 2556 2' 30(3' 2.65' .4Q5<J 3'.1'4(8' 4551' 6(85' 3.' (<.1=2' <,('6$ 4:3' 30(3' 45'1-' 75;57758' 3.' 305' .78' 75(2:757' '3' 0(8' 4551' .I577:,58' '1' 0'2' ;(I.:7W (18' >051$ '1' 2E'35' .;' 30'2$ 305' E(96513' >(2' 23',,' 85,(958$ 05' 30.:-03' 0'625,;'',,K' :258$ (18' >7.35' 3.' 756 .1237(35W >'30' >0(3' 5;;5<3' ' <(11.3' 2(9' T 305' ,53357' '325,;' A>0'<0' <.652' ;7.6' 0'2' .>1' <.,,5<3'.1D' <.13('1'1-' (,,' ' ?1.>' .;' 305' 6(3357#

' <, ,%' *' 2>$ /) ' ' %' H #, ' : ,%K

'7' '1<513' ?'1157$

' 255' 30(3' 49' 9.:7' 1558,522' 85,(92' 30'2' 6(3357' '2' -7.>1' 3.' (' 15>' @:523'.1' >0575'1' ;.7' 305' 6(3357' '325,;$';' '3' 0(8' 4551' 23(958' (3' 305' 45-'11'1-' 49' 69' .78' 75(2:757' (18' 7# 0(1<5,,.7$ ' 20.:,8' 1.3' 2.' 6:<0' 0(I5' 23..8' :E.1' '3T ;.7' 305' -75(3' (18' 8(',9' 37(I5,2' >0'<0' ' 3(?5' '1' 0'2' (Q5239=2' 257I'<5' 5'3057' (75' 75>(7858' '1' 3056 25,I52$K' '1' 30(3' 3059' (75' 4:3' 69' 8:39$ .7' 5,25' 6(9' 852571 5' (' 6:<0' -75(357' 6(3357# 5'3057' <(1' ' 30'1?' (6'22' .;' (19' 6(1$ 30(3' '1' ;:73057(1<5' .;' 305' '1-=2' 4515;'3' 6.I58' 305' 8.:43$ 30(3' ?15>' 1.3' >0(3' >(77(13' 9.:' 0(8# :3' 69' >7.1-' '2$ 30(3' 9.:' 3(I'1-' 0(8' 69' .78' 75(2:757=2' (18' 7# 0(1<5,,.7=2' >(77(13' ;.7' E(96513' (4.I5' (' 6.130' 2'1<5$ 9.:$ ' 2(9$ 6(?'1-' 9.:7' E(9J 6 5132' 45,'?5' :E.1' 2:<0' 8';'5751<52' (2' (75' 453357' ?1.>1' 3.' 9.:7J 25,;$ 30(1' (-755(4,5' >'30' 8:5' 752E5<3' (18' 0'2' (Q5239=2' 257I'55$ 0(I5' 85,(958' '3' (,,' 30'2' 3'65$ .3057>'25' 30(1' ' 6.:-03' 0(I5' 5GJ E5<358' 5'3057' ;7.6' .:7' (1<'513' (<@:('13(1<5$ .7' ;7.6' 30(3' 75-(78' >0'<0' .15' '1' 9.:7' E,(<5' 6(9'.>1^3.' .15' '1' 6'15# 9' .<<(2'.1' >0575.;' 30575' 512:530' 3.' 65' (' -75(357' '1<.1151'51<5$ 30(3' 1.>' 69' 1(65$ '1' 2.73$ 6:23' 45' '1' @:523'.1' (6.1-23' 9.:$ (2' ';' ' >575' (' 6(1' ,'?5,9' 5'3057' 3.' 856(18' 30(3' 30(3' >575' :175(2.1(4,5' b.7' 45' 851'58' 30(3' >0'<0' '2' 75(2.1(4,5^a' W (18' 30'2' 6:23' 45$ 45<(:25' 9.:' 6(9' E,5(2:75' 651' (3' E,5(2:75# :3' 30'2' ' ,5(I5' >'30' 30'2' 30(3' '3' '2' 305' ;'723' 6(3357' >0575'1' ' 0(8' .<<(2'.1' 3.' 8'2<571' E;' 9.:7' ;7'51820'E$ >0'<0' ' 255' 3.' ;(,' 3.' 30'2T 30(3' >0575(2' 7# 0(1<5,,.7' 305' ,(23' 3'65$ '1' 69' 6(1=2' 05(7'1-$ I579' 0.1.:7(4,9' 2('8' 30(3' 05' >.:,8' 1.3' 8'2<.1351(19' '1' 69' E,(<5$ '3' 2556 2' 30(3' 9.:' 0(I5' 1.' 2:<0' <(:3'.1# :3' 7(9' >7'3'1-' :13.' 9.:' 1.>' '2' 3.' ?1.>' .;' 9.:' >0575' 1.>' 305' 23(9' '2$ 30(3' ' 1((9' 8.' 30(3' >0'<0' '2

Ċ 88'3'.1(,' # F# ;# / #
= N' >''5P' '1' #T N'.>5P' '1' Ů 56('12#=
* ,'5' >.782' >'30'1' 47(<?532$ >,''<0' (75' .6'3358' '1' 305' #$ (75' 2:EE,'58' ;7.6' 305' * 56('12$*' E# CB#

;'3' ; . 7' 6 5' > '30 . : 3' 45'1-' (19' 6 . 75' 450 . ,8'1-' : 13 . ' 9 . : $' 3 . ' > 0 . 6' '18558' 1 . ' 6 (1' . : - 03' 3 . ' 45' 450 . ,851' '1' 30525' <(252' '1' (' 7' - 03' <. : 725#'' 18' 2 . ' ' 4'8' 9 . :' ;(75>5,#

(#' #

H' 5<# /B C#

3' 6 : 23' 0(I5' 4551' (4 . : 3' 30'2' 3' 6 5' 30(3' (<. 1' 6 (85' (<@ : ('13(1<5' > '30' (' 15>' ?'18' . ;' 6 . 73' ;'<(3' . 1# '2' 9 . : 1-' ;7'518' . 49' (3305>$' ; . 7' >0 . 6' 05' 2556 2' 3 . ' 0(I5' 0(8' (' 237 . 1-' E572 . 1(,' (;;5<3' . 1$ 05' - 035158' 49' 29 6 E(309' '1' '135,,5<3 : (,' E : 72 : '32' (18' 752E5<3' ; . 7' 0'2' Q : 8 - 6 513' (18' (4','3'52$ 0(8' ,5;3' 1-,(18' '1# E7',$ /B $ ' 3 . ' 37(I5,' '1' 3(,9' >0575$;(,,'1-' '13 . ' 305' <. 6 E(19' . ;' . 6 (1' (30 . ,'<2$ (18' 255'1-' 2 . 65' . ;' 305' 6 '7(<,52' . ;' 305' 0 : 7<0$ 05' 45<(65' (' <. 1 I573$ > (2' (42 . , I58' ;7 . 6' 0'2' 05752'52$ (18' 75<. 1<',58# 0 . : - 0' 05' <. 13'1 : 58' 3 . ' <. 775J 2E . 18' > '30' (<. 1' >0',5' 305' E7 . <522' . ;' <. 1 I572' . 1' > (2' - . '1 - ' . 1$ 05' 8 . 52' 1 . 3' (EE5(7' 3 . ' 0(I5' <. 12 : ,358' 0' 6' . 7' (8 6 '3358' 0' 6' '13 . ' 0'2' <. 1J ;'851<5' '1' 30(3' 6 (3357# : 3' . 1' 0'2' 753 : 71' 3 . ' 1-,(18$ (EE(7513,9' '1' 305' 2 : 6 6 57' . ;' /B C$ >051' 0'2' ,'<51<5' 3 . ' 37(I5,' 5GE'758$*' (<. 1' > (2' 305' ;'723' E572 . 1' . ;'1 . 35' > '30' >0 . 6' 05' 2 . : - 03' <. 6 6 : 1'<(3' . 1# 0(3' E(2258' 453>551' 3056' >5' (75' 1 . 3' 3 . ,8'1' 0 : 3' 305' (8 I'<5' 05' 75<5' I58' > . : ,8' E7 . 4(4,9' 45' 30(3' 05' 20 . : ,8' ,(9' 0'2' <(25' 45; . 75' 305' 7<04'20 . E' . ;' (13574 : 79$' (2' 305' 6 (1' >0 . ' 0(8' (' : 30 . 7'39' 3 . ' 85(,' >'30' 2 : <0' <(252' (18$ (<<. 78'1-,9$' 305' 15G3' 30'1-' >5' 05(7' '2' 30(3' 05' I '2'358' 7# (1J <7 . ;3# 05' 752 : ,3' . ;' 30'2' I '2'3' >(2$ 30(3' 05' >(2 N <. 6 6 '3358' 3 . ' E7'2 . 1' 49' >0'<0' ' : 185723(18' 30(3' 05' >(2$853('158' '1' 2(;5' <: 23 . 89' \ , . 8-58' E7 . 4(4,9' '1' (6 4530' (,(<5$ > '30' 2 . 654 . 89' 3 . ' ?55E' > (3<0' . I57' 0' 6 \ >0',5' 0'2' <(25' >(2' : 1857' <. 12'857(3' . 1# 18' 30'2' >(2' '1' : - : 23$ /B C' ; . 7' ' ;'18' '3' 23(358' '1' (' ,53357' ;7 . 6' (7,53 . 1' 3 . ' 0(6J 457,('1$' # . ;' 305' C30' . ;' 30(3' 6 . 130$ 30(3' N' . 4'5' (3305>' 0(30' ,5(I5' 3 . ' - . ' (2' . ;351' (2' 05' >',,' > '30' 0'2' ?55E57' 3 . ' '7' 7(1<'2' (<. 1$ (18' '2' E : 3' '1' - . . 8' 0 . E5' . ;' ; : 73057' ,'45739#P' !

' ,53357' '1' (3305>=2' <. ,,5<3' . 1' AE# D$ 513'3,58' N' '7' 7(1<'2' (<. 1' 3 . ' (' ;7'518$ (4 . : 3' 75(8'1-' (18' - 'I '1-' Q : 8 - 6 513' : E . 1' 0'2' >7'3J '1 - 2$P' > (2' 1 . ' 8 . : 43' (88752258' 3 . ' 0' 625,;$ (1' 05,. 1-2' E7 . 4(4,9' 3 . ' 30'2' E57' . 8# 3' 2556 2' 30(3' (<. 1' 0(8' 4551' 5GE5<3'1-' (' I '2'3' ;7 . 6' 0'6$ (18$ 45'1-' <(,,58' (>(9' . 1' 4 : 2'1522$ >7 . 35' 3 . ' E : 3' 0'6' . ;;]# 0(3' 305' N' >7'3'1-' P' > (2$ 3 . ' >0'<0' '3' 75;572$ '3' '2' '6E . 22'4,5' 3 . ' '1;57' ;7 . 6' 305' 3576 2# 3' 6(9' 0(I5' 4551' 305' " # ' ' $ ' '1' 2 . 65' . ;' '32' 20(E52' . 7' '3' 6(9' 0(I5' 4551' (' ;'723' 2?53<0' . ;' 305' ' % ' ' &' ( )

f N' '<51<5' ; . 7' . 4'5' (3305>'3 . ' 37(I5,' ; . 7' F' 95(72#P' F78' : ,9$ /B H# \ (,518(7' . ;' 3(35' (E572# . 6# (652' #
f # # .7(# (652' #

/B CK #a ' = ' '# L

% ' A>0'<0' >5'?1 . >'30 (3' (<.1' 8'8' 20 . >' 3 . ' (3305>' >051' 05' >(2' '1' 1-,(18' .1' 30'2' .<<(2'.1D$ .7' 305' ' " * ' & + ' "% ;' .7' 0.3O#!' :3' 30 (3' >0'<0' '2' '1357523'1-' '1' '3' 3 . ' :2' '2' 5@ : (,,9' '1357523J '1-' : E . 1' (19' .;' 30525' 2 : EE . 2'3' . 12#

'7$

5<(:25' 9 . :' 20(,,' 1 . 3' , . 25' 9 . : 7' ,(4 . : 7' 30 '2' (;3571 . . 1$' > 0'<0' 1 . >' ' 6 : 23' 15582' 2E518' > '30' 6 9' . 78' 0(1<5,,. 7$' ' 2518' 6 9' 852'75' 3 . ' 9 . :' '1' 30 '2' ,53357$' 30 (3' 9 . :' > ',,' 3(?5' <(75' 1 . 3' 3 . ' ,5(I5' 305' > 7'3'1-$$' > 0'<0' ' ,5;3' > '30' 9 . :' ,(23$' > '30' (19' 6 (1$' 2 . ' ,. 1-' (2' 30 (3' 05' 6 (9' 45' (4,5' 3 . ' 3(?5' (' <. E9' . ;' '3' ' 45<(:25' ;'723' '3' 6 : 23' 45' <512 : 758' 49' 9 . : $' (18' 3051' <. 12'85758' (-('1' 49' 6 5# 05' 30'1-' > 0'<0' ' 5GE5<3' 6 . 23' ;7. 6' 9 . :' '2$' 30 (3' 9 . :' > . : ,8' 75(8' '3' <('=5; : ,,9' . I57' 49' 9 . : 725,;'1' (18' 3 . ' 6 (?5' 2. 6 5' ,'33,5' 1 . 35' '1' > 7'3'1-$' > 0575' 9 . :' 30'1?' A3 . ' 2E5(?' ,'?5' (' <7'3'<D' 30 (3' ' 8 . ' E570(E2' % ' ' . 7' > 0575' ' 8 . ' ' ' . 7' > 05'⁄5$' '1' ;'15$' ' -'I5' (19' 6 (1157' . ;' 8'2(8I(13(-5' 3 . ' 6 925,;# 0'2$' ' ' ,' 9 . :' 6 : 23' 1 . 3' ;(',' 3.*' 1 . 35'1' 452'852$' (,,' 2 : <0' > . 782' (18' E07(252*' (2' 9 . :' <(11 . 3' ,'?5'Q' ;. 7' 9 . :' ?1 . >' '1' 0 . >' 0'-0' (<<. : 13' ' 0(I5' 9 . : 7' Q : 8 - 6 513#

(3305>=2' <(25' 45'1-' '1' 305' 65(13' 65' ,('8' 45;. 75' 305' '1-$' '3' >(2' 30 . : -03' 5GE58'513' 3 . ' . ;;57' 0' 6' N 305' . (30$P' >0'<0' 305' '1-' 30 . : -03' 05' > . : ,8' 1 . 3' 75; : 25' 3 . ' 3(?5# 0'2' '3' 2556 2' 05' <. : ,8' 1 . 3' 8 . '⁄ > 0575J : E . 1' 05' >(2' <. 6 6 '3358' 3 . ' 305' ,553' E7'2 . 1' 49' 305' 7<04'20 . E$' (18' 30575' I '2'358' 49' I(7' . : 2' E5 . E,5' . ;' I(7' . : 2' ?'182$' (6 . 1-' 305' 7523' 49' '20 . E' 1875>2$^' > '30' (' I'5>$' ' 2 : EEd25$' 3 . ' 0'2' 75<. 1 I572' . 1#

3' 6 : 23' 0(I5' 4551' 8 : 7'1-' 30'2' '6 E7'2 . 1 6 513$' > 0'<0' ,(2358' 3',,' 305' C30' . ;' 547 : ('9$^' 30 (3' 305' 15G3' ,53357' > (2' > 7'3351$' > 0'<0' <. 652' ;7. 6' 305' E7'1<'E(,' <. ,,5<3' . 1' '1' (>,59=2' Ù 52 : 2<'3(3' . $÷ (18' '2' 305' ;'723' ' 0(I5' ;. : 18' '1' 30 (3' <. ,,5<3' . 1' > 0'<0' '2' 1 . 3' (,2 . ' <. 13('158' '1' 305' 7'3'20' : 25 : 6' # A 88'3' . 1(,$' FD# 3' 0(8' 4551' E7'1358' 45;. 75' '1' 305' Ù 57((12' 4 : 3' ' '1;57' ;7. 6' (>,59=2' 1<,: 8'1-' '3' (6 . 1-' 30 . 25' > 0'<0' E7 . ;522' 3 . ' <. 65';7. 6' 0'2' N' . 7820'E=2' 5-'2357' ((F' . ;',533572$' P' 30 (3' (' <. E9' 0(8' 4551' E75257I58' 49' (<. 1' 0'6 25,;#

* 55' '357(79' (18' 7. ;522' . 1(,' . 7?2$' . ,# #' E# H#
^ 0525' E(73'<:,(7(' (75' 857'I58' ;7. 6' (' # 2('8' 3 . ' 45' '1' 305' <. ,,5<3' . 1' . ;' 7# 5,'-(1' A . : 736 (205779$' . # . 7?D$' 513'3,58' N (' 37 : 5' 0'23 . 7'<(,' 75,(3' . 1' . ;' 305' . 11572' . 1' . ;' '7' . 4' . ' (3305>' 3 . ' 305' . ,9' (30 . ,'<' ('30$' > '30' 305' (135<585132' (18' <. 125@ : 5132' 30575 . ;TP' 8(358' ' 5E3# /BH T' . 7' A ' 20 . : ,8' 7(3057' 2(9D' ;7. 6' (' 1 . 35' . ;' 305' <. 135132' . ;' 30 (3' # > 0'<0' > (2' . 1<5' ,513' 3 . ' 65$' (18' > 0'<0' : 1; . 7J 3 : 1(35,9' -' I52' I5'*9 ;5>' 8(352#
^ 0(6457,('1' 3 . ' (7,53 . 1$' / / 30' . 4#$' /B CK #

%)$2&$3; C*+$/(* *+$* 4%0* /$4%+1* $* 1%4$3* /* (1$,;'C'(* '%,;%22$8&$3; %13*+,;'1(&%*+&&*$*8/(.3* ()* '+,;'8/+,(1$/M

5*20(,,; .;351*05(7* .;'0'6*(-('1$*;.7*8:7'1-*3055*>0.,5*3576*.;'0'(* 4(1'2065137*(*<.7752E.1851<5*49*,53357*>(2*?5E3*:E\ (18*'3*>(2*'1*305* ,(23*95(7*.;* (<.1=2*,';5*30(3*05*(8858*3.*0'2* 22(92$*(3* (3305>=2* 2E5<'(,;75@:523$*(1* 22(9*.1* 7'51820'E$*'1*<.6656.7(3'.1*.;*(1*'13'J 6(<9*>0'<0*0(8*4551*37'58*49*(81572'39*(18*E7.2E57'39*.1*4.30*2'852$ (:8*518:758*3.*305*518*>'30.:3*<,.:8*.7*'13577:E3'.1*.1*5'3057#

1,522* (<.1=2*'1357<522'.1*.1*450(,;* .;* (3305>* >(2* 6(85* 307.:-0* (,'24:79*A>0'<0*30575*'2*1.*75(2.1*3.*2:EE.25D$*05*0(8*1.3* (3*30'2*3'65*(19*E(73'<:,(7* ;(I.:7*3.*255?*.7*5GE5<3*(3*0'2*<.:2'1=2* 0(182# 5*0(8*4551*6(85* .,'<'3.7K 5157(,;.1,9*0(,;*('95(7*45;.75$ (18*30575*>(2*1.*E7.2E5<3*(3*E752513*.;*(19*I(<(1<9*3.*>0'<0*05* >.:,8*0(I5*(2E'758# *,53357*30575;.75*(88752258*N*3.*305* (7,*.;* (,'24:79*:E.1*('15>*95(7=2*3'85$P*.1*305*;'723*.<<(2'.1*.;*305*?'18* N*>051*05*23..8*.:3*.;*305*E572.1*.;*('2:'3.7$P*6:23*45*75;57758*3.* 305*/23*.;* (1:(79$*/B C\#

3*'2*8';;'<:,3*3.*:185723(18*305*37:5*'6E.73*.;*,533572*.;*<.6E,'J 6513$*>'30.:3*(1*(<@:('13(1<5*A6.75*;(6','(7*30(1$*(3*305*8'23(1<5* .;*30755*<513:7'52$*'3*'2*5(29*3.*(33('1D*>'30*305*;(20'.12*.;*305*3'65* '1*2:<0*6(33572# 05*239,5*.;*<.:73529*'2*(2*6:<0*('6(3357*.;* ;(20'.1*(2*305*239,5*.;*87522*Q (18*;.762*>0'<0*'1*.15*-5157(3'.1*'3 >.:,8*45*:16(1157,9*3.*.6'3$*'1*305*15G3*'3*>.:,8*45*I:,-(7*3.*:5# :3*<.6E(7'1-*30'2*>'30*.3057*,533572*.;* (<.1=2*.>1*.1*2'6',(7* .<<(2'.12$*>5*6(9*-(3057*2.6530'1-*(2*3.*305*E5<:,'(7*75,(3'.1*>0'<0* 2:42'2358*453>551*305*3>.*651# (<.1*>(2*3>.*95(72*.,857*30(1* .4573* 5<',$(18*>051*3059*>575*4.30*4.92*6:23*0(I5*25565 8*0'2* 2:E57'.7\ 4:3*305*E.2'3'.1*(:8*'1;,:51<5*3.*>0'<0*305*9.:1-57*.;* 30AQ*<.:2'12*2:<<55858*2.*5(7,9*0(8*,.1-*(-.*(,35758*30(3$*(18*513'J 3,58*0'6*3.*05*(88752258*(2*305*-75(357*6(1\ >0'<0* (<.1*:1857J 23..8*E57;5<3,9*>5,,$(18*8'8*1.3*;('*3.*75656457# :3*>0(3*05*8'8* 1.3*:185723(18*>(20.>;(7*0'2*<.:2'1*>(2*75(,,9*0'2*;7'518# .7* 5<',* 0(8*30(3*;7(1?$*5(29$*:1<5756.1'.:2* 6(1157$*>0'<0$*>051*:258*(2*(' 8'2-:'25$*'2*.;*(,,*8'2-:'252*305* 6.23*'6E51537(4,5# .75*30(1*.1<5* (<.1*0(8*2551*75(2.1*3.*30'1?*30(3*05*>(2*25<753,9*(<3'1-*(-('123* 0'6$(18*.1<5*(3*,5(23*0(8*3.,8*0'6*2.#* :3* 5<',*15157*(,,.>58* 0'625,;*3.*3(?5*.;;51<5*(4.:3*>.7821*(18*305*3566E57*.;*0'2*(12>57$ ';*'3*8'8*1.3*2(3'2;9* (<.1$*(3*,5(23*8'2(7658*0'6# 5157305,522$ 30.:-0*05*<.13'1:58*3.*23:89*0'2*0:6.:72*(18*>(3<0*0'2*3'652$*>'30

/B CK #a :' : : /F

(2' >5,,' . ;' (13'@ : '3'52' .;' I '73 : 5' (2' ,(35' E'5<52$ ' ; . 745(7' 3 . ' 2(9' 3 . ' 9 . : 7' .7820'E' >0(3' ' ;'18' (18' <. 1<5'15T' 4 : 3' 3 . ' (19' . 3057' ' > . : ,8' 30'1?' 3 . ' 6 (?5' 6 925,,' 45,'5158# : 3' 1 . 3' 3 . ' 45' 358' . : 2' A'1' 30 (3' >0'<0' 6 (9' 0(15' 305' 205>' . ;' (' <. 6 E,'6 513D' ' <(1' 4 : 3' >'20' 9 . : 7' .7820'E' 6 (19' 0(EE9' 95(72T' 6 (19' 6 . 75' 30(1' 9 . : 7' ;(3057' 0(8T' 5I51' 2.' 6 (19' 6 . 75' (2' >5' 6 (9' 1558' 9 . :' 6 . 75# .' ' 756 ('1#

05' 5G(<3' 8(35' . ;' 305' 6 (77'(-5' . ;' (<. 1=2' 2'2357K'1K,(>$. 7 . 309' (710('1$ >'30' '7' . 01' . 123(4,5$' 0(15' 1 . 3$' (2' '2('8$ 4551' (4,5' 3 . ' (2<573('1# :3' (6 . 1-' 305' 23(35' E(E572' 1 . >' (3' 305' . ,,2' . : 25' 30575' '2' . 15' 75,(3'1-' 3 . ' 057' Q . '13 : 75$ >0'<0' A';' <. 775<3,9' 75;57758' 3 . ' (1 : (79$ /B CK D' (;;. 782' (' 75(2.1$ '1' 305' (4251<5' . ;' 453357$; . 7' E,(<'1-' 305' e15G3' ,53357' 0575# #R

(89' (<?' : -3 . 1$' 057' 6 . 3057$ 0(8' (' 37 . : 4,52 . 65' 356 E57' (18' (' 8'2E . 2'3' . 1' 3 . ' '1357;575' '1' 305' 8 . 6523'<' (77(1-56 5132' . ;' 057' 75,(3'152# 57' 0 : 24(18' 0'625,;' 2556 2' 3 . ' 0(15' 0(8' (1' : 15(29' 3'65' >'30' 057# 4 . : 3' (' 95(7' 45;.75$ >5' 75(8' '1' .15' . ;' 0(6457,('1=2' ,5)357(' 30(3' N' '7' . 01' (<?'1-3 . 1' (18' 0'2' ,'33,5' I' . ,513' ,(89' (75' E(7358' : E . 1' ; . : ,' ' 357 6 2#P ! 18' 1 . >' '3' (EE5(72' 30(3' 8'2E : 352' 0(8' (7'251' (4 . : 3' '7' . 01' . 123(4,5=2' 2533,56 5132$' '1' >0'<0' '3' 6 (9' 45' E752 : 6 58' 30(3' 205' 0(8' (' 0(18# 05' E(E57' 3 . ' >0'<0' ' 0(15' 75;57758' '2' 513'3,58' N' .1J 8'3' . 12' 3 . ' >0'<0' ' (6' <. 1351 3' 3 . ' 9'5,8' : 13 . $' (18' 8'8' ;7. 6' 305' 45-'1J 1'1-' '13518' (18' . ;;57$; . 7' 305' Q . '13 : 75' (18' (8I(1<56513' . ;' . 7 . 309' (710(6$ 69' 2E . : 25$P' (18' '2' 2'-158' . # .123(4,5#!' 5' . ;;572' 3 . ' (22 : 75' 057' (' Q . '13 : 75' . ;' _H ' (' 95(7$ (2' 2 . . 1' (2' 05' <. 652' 3 . ' 0'2' 523(35'T >'30'<573('1' 5G<5E3' . 12' (18' E7 . I '2.52$' . ;' >0'<0' 305' ; . ,,. >'1-' '2$; . 7' . : 7' E75251 3' E : 7E . 25$ 305' 6 . 23' 1 . 3'<5(4,5W \ N : 3' (,>(92' ' : 185723(18' '3$ 30(3' 30 . 25' 057' ;7'5182' >0'<0' 0(15' 2.' '13 . ,57(4,9' 2,(1J 85758' (18' >7 . 1-58' 65$ 20(,,' 0(15' 1 . ' '1357 6 588,'1-' (3' (,,' 5'3057' '1' 305' (22 : 7(1<5' . 7' '1' 305' (,,. >(1<5' . ;' 30525' (73'<,52#P ^

. >' ';' >5' 2 : EE . 25' 30(3' 305' 6 . 3057K'1K,(>' >(2' . 15' . ;' 305' E572 . 12' 2.' 5G<, : 858$ (18' 30(3' (<. 1' >(2' . 15' . ;' 30 . 25' 25,5<358' (2' 37 : 23552' A>0'<0' '2' 6 . 23' E7 . 4(4,5$; . 7' '7' . 01' >(2' (,>(92' . 15' . ;' 0'2' 6 . 23' I(,:58' ;7'5182D$' 305' ; . ,,. >'1-',53357' A>0'<0'<. 652' ;7. 6' 305' Ù 56('12=Ù >',' 45' '135,,'-'4,5' 51 . : -0$ 3.' 7515(,' (2' 6 :<0' E570(E2' (2' >5' 0(15' (' 7'-03.' ?1 . >' . ;' 30(3' E(73' . ;' 0'2' 8 . 6523'<' 37'(,2#

R' /F3,'' 54# /B KC# [
! 3' 45(72' 1 . ' 8(35# :3' ' -(3057' ;7 . 6' '3' 30(3' ,''2' -7(18;(3057' (18' 0'2' ;(3057' >575' 23',,' (,'15$ (18' 30(3' 0'2' >';5 >(2' '6 857' 305' (-5' . ;' 3>5139K; . : 7#
* . 6523'<' (652' #$ I . ,# GGG'#$ 5135758' '1' (,518(7' N' (1#;' /B #P

. :25' .;'R .6 6 .12' >(2' <. 6E53513' 3.' 2533,5' '3$' '3' >(2' (' 6 (3357' .;' -75(3' '6E.73(1<5' 3.' .43('1' (1' (:30.7'3(3'I5' (18' <.1<,:2'I5' 85<'2'.1# .' E7.<:75' 30'2$ (' -7(13' .;',(182' '1' 1-,(18' >(2' 6 (85' 3.' (1' '1;(13' 4.71' '1' <.3,(18' 2'1<5' 305' '1-=2' (<<522'.1$.;' >0'<0' (' 8'225'2'1' 0(I'1-' 4551' 5;;5<358$ (1' (<3'.1' .;' <. 6 6 .1',(>' >(2' 47. : -03' 49' 0'2' -:(78'(12' 3.' 75<. I57' E.22522'.1$ 3. -53057' >'30' (' 2:'3' '1' 0(1<579' ;.7' 305' 8'2<. I579' .;' 5I'851<5# 05' 85<'2'.1' '1' 4.30' <(252' 3:7158' :E.1' 305R@:523'.1' >053057' 05' >575' (1' (,'51' .7' 1.' T (18' '1' 4.30$ (;357' 05(7'1-$ >(2' N' (8Q.:7158' '13.' 305' G<05@:57' 0(6457$ 3.' 45' (7-:58' .E51,9' 30575' T ;'723' 49' 305' .:125,',5(7158' .;'5'3057' E(739$ (18' 3051' 49' (,,' 305' :8-52' .;' 1-,(18#P* (<.1=2' (7-:6513$ E7.4(4,9' 305' -75(3523' .;' 0'2' ;.7512'< 2E55<052$ <573('1,9' 305' 6 .23' '1357523'1-' 3.' 1.1KE7.;522'.1(,' 75(8572$ (EE5(72' 3.' 0(I5' 4551' 85,'I5758' 2.65' 3'65' 45;.75' (2357' 576' A>0'<0' 45-(1' .1' 305' /F30' .;' E7',D' /B ' T (18' >',,' 45' ;.:18' (6.1-' 305' 7.;522'.1(,' .7?2#*

05'752:,3' >(2' (' Q:8-6513' '1' ;(I.:7' .;' 305' E,('13';;$ 85,'I5758' 49' 305' .78' 0(1<5,,.7' (18' 3>5,I5' .;' 305' :8-52$ \ 3>.' .1,9' 8'22513'1-' T (' Q:8-6513' I579' 2(3'2;(<3.79' 3.' 30.25' >0.' 30.:-03' >'30' (<.1' 30(3' 30575' <.:,8' 45' 1.' 25<:75' :1'.1' 453>551' 305' 3>.' <.:137'52' >'30.:3' 1(3:7(,'2(3'.1$ (18' 30(3' 305' 2..157' '3' 3..?' E;(<5' 305' 453357' T ;.7' '3' 2533,58' 30(3' E(73' .;' 305' @:523'.1' >0'<0' >(2' 6.23' '6E.73(13# 05' 756('1'1-' 6(7?2' .;' 25E(7(3'.1' 6'-03'753(78' 305' :1'.1' 453>551' 305' 1-,'20' (18' <.3<0' .;' 30(3' -5157(3'.1$ 4:3' '1' 3,'5' 15G3' -5157(3'.1' 3059' >.:,8' 0(I5' 8'2(EE5(758' (,3.-53057# '30' 30.25' >0.' >(1358' 1.' 2:<0' :1'.1' (18' (EE75051858' 5I','3.' 1-,TQ18' ;7.6' 30'2' <.66:1'J <(3'.1' .;' E7'I',5-52$ 305' 85<'2'.1' >(2' .;' <.:725' :1E.E:,(7T' ;.7' '3' '6E.258' :E.1' 305'7' <0',8751' 305' I579' 23(35' .;' 30'1-2' >0'<0' 3059' 0(8' 75;:258' ;.7' 3056 25,I52$ (18' ;7.6' >0'<0' 3059' >.:,8' 0(I5' 2(I58' 305'7' E.2357'39' ';' 3059' <.:,8# 0(3' 30'2' :1E.E:,(7'39' >(2' 2.' -75(3' (18' 2.' -5157(,'(2' 3.' 6(?5' '3';7.6' 30(3' 3'65' ' :25,522' 3.' <(,' :E.1' (7,'(J 6513' 3.' <.12'857' (19' 65(2:75' <.115<358' >'30' 305' :1'.1$P^'2' (1' '6E:3(3'.1' :E.1' 305' E(37'.3'26' .;' 305' .66.12' .;' 30.25' 8(92' >0'<0' ' 0.E5' '2' :1Q:23# :3' 5151' ';' 305' 752:,3' .;' 305' E7.<558'1-' 8'8' '1I.,I5' 2.' -7(I5' (1' '1<.1151'51<5$ '3' '2' 8';;'<:,3' 3.' 255' 4.>' 305' .I5716513' <.:,8' 0(I5' (I.'858' '3# .' 2(9' 30(3' (' 8.:43;:,' @:523'.1' .;' ,(>$ '1I.,I'1-' 305' E7'I(35'7'-032' .;' '11:657(4,5' E572.12$.:-03' 1.3' 3.' 0(I5' 4551' 75;57758' 3.' 305' 0'-0523',5-(,'37'4:1(,' '1' 305',(18$ '2' 3.' 2(9' 30(3' 305' ;.762' .;' Q:8'<'(,' E7.<58:75' .:-03' 3.' 0(I5' 4551' 75-(7858' (2' :25,522$ (18' 305' :8-52' (2' '1<.6E53513' ;.7' 305'7' ;:1<J 3'.1# 18' (2' '3' >(2' 1515'7' 2:2E5<358' 30(3' (19' :18:5' '1;,:51<5' >(2' :258' 3.' ,'6 '3' 305' ;7558.6' .;' 305' 85;51<5$ .7' 3.' 4'(2' 305' 85<'2'.1$ '3' '2

237(1-5 30(3 '1 30525 3' 6 52$ >,'51 1.4.89 >'2052 305 85<'2'.1 75I57258 .7 75-7532 305 5;;5<32 .;' '3$ (19 8.:03 20.:,8 05 ;5,3 (2 3.' 305 E7.J E7'539 .;' 305 E7.<558'1-' 307.:-0 >0'<0 '3 >(2 .43('158# N 5I57 (19 <(25$P 2(92 .?5$ ' >(2 (8Q:8-58 ':' 305 G<05@:57 0(6457 >'30 -75(357 <.1<.78(1<5 (18 ,522 I(7'539 .;' .E'1'.1# ' ' ' ' ' %' /
' ' ' ' 0 % 1

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0575 '2 (1.3057 >7'3'1-' .;' (<.1=2 >0'<0 (EE5(72 3.' 0(I5 4551 <.6E.258 (4.:3 30'2 3'6 5$ (18 A30.:-0 '32 ;.76 (18 305 :25 3.' >0'<0 05 3:7158 '3 (;357>(782 <(:258 '3 3.' 45 <,(2258 (6.1-' 305 ,'357(79 >.7?20 6'-03 E570(E2 >'30 (2 6:<0 E7.E7'539 0(I5 4551 E,(<58 0575 ;.7 30575 <(1 45 ,'33,5 8.:43 30(3 '3 >(2 <,.25,9 <.115<358 >'30 305 4:2'1522 .;'30'2 E(73'<:,(7 3'6 5$ (18 6 5(13 3.' 45(7 :E.1 305 2.,:3'.1 .;'305 6.23 '6E.73(13 23(35KE7.0,5 6 >'30 >0'<0 30h 23(352 6 51 .;'305 3'6 5 0(8 3.' 85(,#

05 8(9 0(8 <.6 5 >051 305 .78'1(79 75I51:52 .;'305 7.>1 >575 1.' ,.1-57 (85@:(35 !3.' 305 .78'1(79 75@:'75 6 5132 .;' -.I571 6 513# 18 305 8(9 >(2 ;(23 <.6'1-' >051 '3 >.:,8 1.3 45 E.22'4,5 (19 ,.1-57 3.' 8'2-:'25 30(3 ;(<3# .>' ';' 305 '1-' <.:,8 1.3 <(779 .1 305 -.I571 6 513 <.123'3:3'.1(,,9 >'30.:3 05,E ;7.6 305 .:25 .;' .6 6.12 >0'<0 30h .:25 6'-03 <.123'3:3'.1(,,9'75;:25$ '3 ;.,,.>58 30(3 305 .:25 .;' .6 6.12 0(8 E.3513'(,,9 (' * ':E.1 (,,' 305 E7.J <558'1-2 .;' 305 .I571 6 513# ;' 30'2 45 8.15 A3059 6'-03 2(9D$ .7 ';' 30(3 45 1.3 8.15$ >5 20(,,'23.E 305 2:EE,'52# 05 37(12;57 .;'2.' -75(3 (' E.>57 3.' 15>' 0(182$ <.6'1-' 2:8851,9$ (18 <.6'1-' A(2 '3 E7.4(4,9 >.:,8D >'30 (' 237:--,5$ >(2 (' 751.,:3'.1 >0'<0 <.:,8 1.3 45 (13'<'E(358 >'30.:3 257'.:2 (EE750512'.1 ;.7 '1 (' <.123'3:3'.1 ,'?5 305 1-,'20 30575 >(2 1.' ?1.>'1-' 0.>'#6:<0 8'23:74(1<5 '3 >.:,8 <(:25# 05 4523 <0(1<5 .;' (I573'1-' .7 E.23E.1'1-' 305 8'2J <.I579 >.:,8 45 3.' 51-(-5 305 <.:1379 '1 2.65 (<3'.1 >0'<0 >.:,8 <(779 305 29 6 E(30'52 .;'305 E5.E,5 >'30 '3# .>'305 E(<';'<<0(7(<357 .;' (652=2 -.I571 6 513 >(2 E7.4(4,9 :E 3.' 30'2 3'6 5 305 6.23 :1J E.E:,(7 30'1-' (4.:3 '3 (18 30.:-0 305 3'6 5 >(2 0(EE',9 E(23 >051

N .' >'1 .:7 (1Ai'51 ' 7'-03 '1 7(1<5 (-('1$
7 8'5 (' 2.,8'57 (2 05',' I58 (' '1-$P *

<.:,8 45 (EE7.I58 09 2(15 651 (2 (';'3 .4Q5<3 .;'7.9(,' (64'3'.1$ 953 30575 >575 6(19 @:523'.12 23',,' (,'I5 \ @:523'.12 <.1<571'1-' 75,'-'.1$ 37(85$ <.,.1'M(3'.1$ 53<#$ \ '1 >0'<0 305 1-,'20 E5.E,5 >.:,8 0(I5 4551 E7.:8 3.' 255 305'7 .I571 6 513 (22573'1-' (';.756.23 E.2'3'.1

* '<0# #(<3 '''# □ · /#

(6.1-'305'1(3'.12$ (18' (1' 1-,'20' .:25'E;' .66.12' >.:,8' 0(I5' 05(73',9'2:EE.7358' 3056# 18' 0(8' (<.1'4551'<(,,58' '13.'<.:1<',' (3'30'2'3'65$05'>.:,8'(EE(7513,9'0(I5'(8I'258'('4.,857';.75'-1'E.,'<9' \('E.,'<9'('6'1-$ 1.3' '18558'(3'8'75<3'(--7522'.1$ 4:3'(3'(1'(2257J 3'.1' .;'1;,:51<5'(18' .;'('7'-03'3.' '1357;575' '1' 305' 2533,56513' .;' :7.E5(1'@:523'.12# 05'.<<(2'.1'(18'305'6(1157'>.:,8' .;'<.:725' 85E518':E.1'305'<.:725' .;'5I5132$ >0'<0'<.:,8'1.3'45';.752551# :3' 305' E7:851<5' .;'('-5157(,' '1<,'1(3'.1' .;'305'1(3'.1(,'E.,'<9'1'30(3' 8'75<3'.1'>.:,8'85E518':E.1'305'65(2:75' .;';.7<52$ (18':E.1'305'@:52J 3'.1'>053057' 1-,(18'0(8'305'65(12' .;'<(779'1-'3' .:32:<<522;:,,9# .'20.>'30(3'205'6'-03'2(;5,9'(2E'75'3.'2:<0'('E.2'3'.1# (<.1'1.>' <.6651<58'(1'#5,(4.7(35'375(3'25$3.'45'2:46'3358'3.'305' '1-$:E.1' 305'<.18'3'.12'.;'1(3'.1(,'-75(31522'3518'1-'3.'E7.I5\(18''3'>',,' 1.3'45'30.:-03'30(3'.:7'2:425@:513'0'23.79'0(2'8'2<758'358'0'2'Q:8-J 6513\30(3' 1-,(18$ <.3,(18$(18' 75,(18$:1'358':1857'.15' 7.>1$ E.2252258',,' 30.25'<.18'3'.12' '1'('0'-057'85-755'30(1'(19'.;'305' -75(3'6.1(7<0'52'.;'305'>.7,8'8'8'(3'305'45-'11'1-'.;'305'7'<(7557' (18'30(3'305'I'2'.1'.;'N'('2:1'7'2'1-''1'305'>523'P'>(2'(2','?5,9'3.' 45'I57';'58' '1' 7'3('1'(2'1'(19'.3057'?'1-8.6'.;' :7.E5# 0.:-0' 30'2'375(3'25'>(2'15157';'1'2058'(<<.78'1-'3.'305'852'-1'AE7.4(4,9' 45<(:25'305' '85('>(2'1.3'3(?51$ (18'305'65(2:752'20.73,9' (;357' #(8.E358'49' (,'24:79'>575'(3'I(7'(1<5'(18' '1<.6E(3'4,5'>'30'' '3D$' ' 8.'1.3';'18'30(3' (<.1'5I57',.23'0'2'.>1';('30''1'305'.E'1'.1'>0'<0' 2:--52358''3# 2'305' '13571(,'8'2E:352'>0'<0'3075(35158'3.'8'I'85' 305'?'1-8.6'(-('123''325,';'-75>'6.75';.76'8(4,5$ (18'5G3571(,'(<<'J 85132'.;,5758'<0(1<5h'.;'3(?'1-':E'305'E.,'<9'>0'<0'05'0(8''18'<(358$ >5'20(,,';'18'0'6'1.>'(18'3051'75<:77'1-'3.''3T' (18'>0.5I57'<(752' 3.':185723(18'0.>'05'>.:,8'0(I5'5185(I.:758'3.'47'1-'(4.:3'(' 75<.1<','(3'.1'453>551'305'<.1;,'<3'1-''13575232'.;'305' 7.>1'(18'305' .66.12$ >.:,8'8.'>5,,' 3.' 3:71' 3.' 0'2' ;7(-6513'N'.1'305'37:5' -75(31522'.;' 7'3('1$P* (18'75(8''3''1'<.115G'.1'>'30'305' (7,'(J 6513(79'E7.<558'1-2'.;'305',(23'2522'.1# 0(3''3'4(8'('75(,'<.1J 15G'.1'>'30'3056$>',,' (EE5(7';7.6'2.65'756(7?(4,5'656.7(18('':' 305'E(E57'>0'<0'<.652'15G3''1'.7857'.;'8(351'('E(E57'3.'>0'<0' 0(I5'6(85'6(19'75;5751<52'1'305'E75<58'1-'I.,:'E52$ (18'>0'<0'2 '6E.73(13'51.:-0'3.'0(I5'('<0(E357'3.''325,;# e

≟ .7?2$.,# # E# FC#

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.' (I .'8' , .22' .;' 3'6 5' (18' .EE.73:1'39' ;7. 6' 1 .3' 75656457'1-' 30'1-2' (3' 305' 6 .6513' 3059' >575' >(1358$# (<.1' (EE5(72' 3.' 0(I5' 4551' '1' 305' 0(4'3' .;' 75I'5>'1-' (,,' 0'2' 4:2'152252' ;7. 6' 3'6 5' 3.' 3'6 5$' (18' 2533'1-' 8.>1$'1' (' 1.35K4..?' .7' 41' (' 20553' .;' E(E57' >0(35I57' 05' >'2058' 3.' 0(I5' 75(89' ;.7' 75<.,,5<3'.1# 0525' 4..?2' .7' 205532' 05' >.:,8' (-('1' ;7. 6' 3'6 5' 3.' 3'6 5' 75I'25$ 237'?'1-' .:3' 2:<0' 1.352' (2' >575' .42.,535$ (18' 37(12;577'1-' 305' .30572' 3.' (' ;7520' 4..?# :<0' (3' ,5(23' >(2' 0'2' E,(1' .;' (<3'.1# .>' 5(7,9' 05' 45-(1$' .7' 0.>' 75-:,(7,9' (18' 0.>' ,.1-' 0.' E5725I5758' '1' '3$' >5' 0(I5' 1.' 65(12' .;' ?1.>'1-# 05' .,8' 4..?2' >.:,8' 1(3:7(,,9' 45' 85237.958' (2' 3059' >575' 2:E5725858' 49' 305' 15>$' 305'7' <.135132' 45'1-' E752:6(4,9' .;' 3..' E7'I(35' (18' <.1J ;'8513'(,' (' 1(3:75' '1' 6(19' E(732' ;.7' .3057' E5.E,5=2' 75(8'1-# 15' .;' 3056$' 0.>5I57' AE7.4(4,9' 45<(:25' '3' <.13('158' (6.1-' .3057' 30'1-2' 1.352' ;.7' (' E0',.2.E0'<(,' '1I523'-(3'.1$' >0'<0' [>(2' 15I57' ;'1'2058D$' >(2' E75257I58' (6.1-' 0'2' E(E572$ (18' <.6'1-' '13.' 305' 0(182' .;' 7<0J 4'20.E' 51'2.1$' ;.:18' (' 7523'1-' E,(<5' '1' 0'2' ,'47(79' '1' 3# (73'1=2K '1K305K '5,82$' >0575' '3' 756('158' :18'23:7458' (18' :1?1.>1' 3',' (7<0$' / H $' >051' ' <0(1<58' :E.1' '3$' (18' 75<.-1'M'1-' 305' 0(18J >7'3'1-$' 6(85' A49' E576'22'.1' .;' 305' 3051',' 47(7'(1$' 7# (,5D' (' <.E9' ;.7' '12573'.1' '1' 30'2' <.,,5<3'.1' '1' 305' E7.E57' 3'6 5' (18' E,(<5I' (3' >0'<0' ' 0(I5' (3',(23' (77'I58#*

05' 1.352' 45'1-' 6(85' 2.,5,9' ;.7' 305' 05,E' .;' (<.1=2' .>1' 656.79$ (18' 5I'8513,9' 1.3' 65(13' 3.' 45' 2551' 49' (194.89' 5,25$' (75$' (2' 6'-03' 45 5GE5<358$' '1' 6(19' E,(<52' :1'135,,'-'4,5$' (18' 5I51' >0575' (' E7.4(4,5 65(1'1-' 6(9' 45' E:3' :E.1' 3056$' 75@:'75' <(:3'.1' '1' 30`' '1357E753'1-# .7' 6.23' .;' 305' 1(652' .;' E572.12$' (18' 6(19' .;' 305' E7'1<'E(,' >.782$ (75' '18'<(358' .1,9' 49' 305' ;'723' ,53357' .7' 29,,(4,5$' >0'<0$' 30.:-0 51.:-0' ;.7' 0'6$' 6(9' 5(2',9' 6'2,5(8' :2W' (18' >0575' 305' >.782' (75

= E.1' 305' 2(,5' .;' 30(3' 47(!' '1' / B/$ 305' .7'-'1(,' >(2' 4.:-03' 49' 7# .,6' .72357$' (18' '2' 1.>' '1' 305' 7'3'20' :25:6#

3('15<,' '1' 2 : <0' (' 75< . 78' (2' 30'2$' '3' '2' 15<522(79' 3 . ' 75 6 5 6 457' 30 (3' 305' 30'1 - 2' . ;' >0'<0' (' 6 (1' 15582' 3 . ' 75 6 '18' ' 30 . 25' >0'<0' 05' '2' 0' 6 25,,;' (E3' 3 . ' ; . 7 - 53# 05' 6 (1' >0 . ' 6 . 23' 15582' 3 . ' <(: 3' . 1' 0' 6 25,,;' (- ('123' 45'1 - ' . I5775(<058' '1' (' 4(7 - ('1' . 7' 3(?51' '1' 49' (1' '6 E . 23 . 7$' 0(2' ,5(23' .<<(2' . 1' 3 . ' 75 6 '18' 0' 6 25,,;' . ;' 305' 8 : 39' . ;' ;('7' 85(,'1 - ' . 7' <0(7'39# 05' 6 (1' >0 . ' '2' 1(3 : 7(,,9' ,'457(,' (18' 1 . 3' 1(3 : 7(,,9' <. I53 . : 2' >',,' 0(I5' 3 . ' : 7 - 5' : E . 1' 0' 6 25,,;' 305' 8 : 39' . ;' - 533'1 - ' 6 . 159$' 4 : 3' 1 . 3' . ;' 4523 . > '1 - ' '3' : E . 1' : 125,;'20' . 4Q5<32# 051' (' 6 (1' 2(92' 3 . ' 0' 6 25,,;' N ' 6 : 23' 45' E(3'513$P' 305' '1;5751<5' '2' 30(3' E(3'51<5' '2' ' 305' I '73 : 5' '1' >0'<0' 05' 6 . 23' (4 . : 182# 051' 05' 2(92' N' ' 6 : 23' 518 : 75' 30'2' 1 . ' , . 1 - 57$P' 305' '1;5751<5' '2' 30(3' 05' '2' 8'2E . 258' 3 . # 518 : 75' 3 . . ' 6 : <0# 051' >5' ;'18' (<. 1' 752 . , I '1 - ' '1' 2 . ,', . @ : 9' 3 . ' N' 2 : EE7522' 0'2' 2E5(?J '1 - ' > '30' E(13'1 - ' (18' 237('1'1 - ' . ;' 305' I . '<5' (18' 475(30$P' 3 . ' 6 (?5' (' E . '13' . ;' N' <. 6E . 2'1 - ' (18' 87(>'1 - ' 0' 6 25,,;' '1' P' >051' 05' 45 - '12' 3 . ' 2E5(?$' (18' P' 1 . 3' 3 . ' ;(,,' 3 . . ' 2 : 8851,9' : E . 1' 305' 6 ('1$P' >5' ,5(71' 30(3' 0'2' 1(3 : 7(,' 6 (1157' >(2' 3 . ' 2E5(?' 5(-57,9' (18' '6 E53 : . : 2,9$' (18' 7 : 1' 0' 6 25,,;' . : 3' . ;' 475(30$' (18' 3 . ' E7 . <558' (3' . 1<5' > '30 . : 3' <'7<: 6 , . <: 3' . 1' 3 . ' 305' 05(73' . ;' 0'2' 2 : 4Q5<3# 051' >5' ;'18' 0' 6' 75 6 '18'1 - ' 0' 6 25,;' 3 . ' (22 : 65' A . 7' E570(E2' . 1,9' 7('2'1 - ' > '30'1' 0' 6 25,,;' 305' @ : 523' . 1' >053057' 05' 20(,,' (22 : 650' N' - 75(357' <. 1;'851<5' (18' (: 30 . 7'39' '1' 8'2<. : 7252' . ;' 30'2' 1(3 : 75' P' b30(3' '2' . 1' E0',. 2 . EO'<(,' 2 : 4Q5<32a$' N' 0 ' ' % ' ' ' ' % ,2' >5' 6 (9' 45' 2 : 75' 30(3' 2 : <0' (' 3 . 15' . ;' <. 1;'851<5' (18' (: 30 . 7'39' >(2' 1 . 3' 1(3 : 7(,' 3 . ' 0' 6# ,,51' >5' ;'18' 0' 6' '1' 0'2' H 30' 95(7$' (18' 0(I '1 - ' 4551' (' <. : 73'57' ;7 . 6' 0'2' 4 . 90 . . 8$' 4 . 77 . > '1 - ' (' ,522 . 1' '1=305' <. : 73'57=2' (73' ;7 . 6' 2 . ' '1;57' . 7' (' 6 (1' (2' '7' 5179' . 4(73$!' >5' 6 (9' E752 : 65' 30(3' '3' >R(2' 1 . 3' (1' (73' >0'<0' 05' '(8' 0' 6 J 25,;' 4551' 23 : 89'1 - ' ; . 7' 305' ,(23' 3 > 5139' 95(72' > '30' 305' M5(,' . ;' (' 6 (1' >0 . 25' 05(73' >(2' '1' '3# .$ (- ('1$' >051' >5' 255' (' E(- 5' . ;' 2 : - - 523' . 12' <. 1<571'1 - ' 305' 65(12' . ;' 0 : 24(18'1 - ' (18' '6 E7 . I '1 - ' 0'2' E7 . E5739$' ';' >5' 20 . : ,8' '1;57' 30(3' 05' >(2' (' 8',' - 513' 6 (1(- 57' . ;' 0'2' . 1' 6 . 159$' >5' 20 . : ,8' <573('1,9' 45' >7 . 1 - W' >5' 0(I5' (4 : 18(13' 51'851<5' 30(3' 4 . 30' 5(7,9' (18' ,(35' '1' ,';5' 05' >(2' 15 - ,' - 513' '1' 2 : <0' 6 (33572' 3 . ' (' ;(: ,3# 0'2' 4 . . ?' . 1,9' 20 . >2' 30(3' 05' >(2' (>(75' . ;' 305' ;(: ,3$' (18' 6 (85' 2 . 65' 5185(I . : 72' 6 . 75' . 7' ,522' 5;;5<3 : (,' 3 . ' <. 775<3' '3# 18' 30 . : - 0' >5' 0(I5' 1 . 4' 5I'851<5' 5@ : (,,9' <. 1<,: 2'I5' 30(3' 05' >(2' 49' 1(3 : 75' 8'2'1<,'158' 3 . ' 305' (732' (18' (EE,'(1<52' 49' >0'<0' 651' >'1' 305' ;(I . : 7' . ;' 305' - 75(3' (18' 7'25' '1' 305' >. 7,8$' . 7' 30(3' 05' >(2' (E3' 3 . ' 15 - ,5<3' 3056' 6 . 75' 30(1' 0'2' Q : 8 - 6513' (EE7 . I58$' 305' 6(19' 656 . 7(18(' >0'<0' ',,' 45' ; . : 18' 0575' . ;' 30'1 - 2' 3 . ' 45' 8 . 15' (18' <(: 3' . 12' 3 . ' 45' . 4257I58' >'30' (' I'5>' 3 . ' E . ,'3'<(,' (8I(1<56513' (75' 2 : 4Q5<3' 3 . ' 305' 2(65' . 4257I(3' . 1#K' '30573 . ' ';' 05' 0(8' 4551' (1' (22'8 : . : 2' 23 : 8513' . ;' 2 : <0' (732$' 05' 0(8' <573('1,9' 1 . 3' 4551' (' 2 : <<522; : ,' . 15# 18' 69' . >1' '6 E7522' . 1' '2' 30(3' 3059

#37(12;57758' ;7. 6' (' ; .7657' 1.35K4. .?$' ' 2:EE.25' 30(3' 45' 0(8' ,. .?58' 307. : -0' (,,' 305' 656.7(18(' .;' 30'2' ?'18' 30(3' 05'0(8' 49'0'6$' (18' -(305758' >0(35157' 05'Q:8-58' >.730' ?55E'1-' '13.' 30'2' I.,:65# 5' >.:,8' E7.4(4,9' (,357' (18' (88' >0',5' 05'37(12<7'458$' (2' >5,,' (2' . 6 '31' (18' 30575;.75$ 30.:-0' 6(19' .;'305' 1.352' 6(9'0(15'4551'.;' .,857'8(35$ >5' <(11.3' 8'23'1-:'20' 305' .,8' ;7. 6' 305' 15>$' (18' 6:23'375(3' 3056' -5157(,,9' (2' 45,.1-'1-' 3.' 30'2' E57'.8# 5' <(,,2' 305' <.,,5<3'.1' ")'

' ;' >0'<0' 6(9' 45' 37(12,(358' (' 4..?' .;' ,..25' 1.352W (18' 852<7'452' '3' (2' N','?5' (' 657<0(13=2' >(235K4..?1' >0575' 3.' 51357' (,,' 6(1157' .;' 75656 47(1<5' .;' 6(3357$';.76$' 4:2'1522$' 23:89$' 3.:<0J '1-' 6925,;$ 2571'<5$ .30572' 5'305E' 2E(72'6' .7' '1' 2<058:,52$' >'30.:3' (19' 6(1157' .;'75237('13.1,9' 30'2' 3.' 45' 8'I'858' '13.' ' 4..?2W 05' .15' ' 4' ' * ;'<.13('1'1-' (,,' 6(1157' 1.352' (,75(89' 3(?51' '1' 25157(,' E(E57' 4..?2' ;'3' 3.' 45' 753('158' A5G<5E3' '3' 45' 2:<0' (2' (75' 758:<58' 3.' 2.65' 6.75' E57;5<3' ;.76D' 05' .3057' ")' ' * 2' 0(3' >5' 0(15' 0575' 45,.1-2' 3.' 305';'723' 4..?' .1,9# ;'305' .3057' ' 0(15' 1.3' ;.:18' (19' 37(<52' (19>0575#

5' (EE5(72' 3.' 0(15' 851.358' 305';'723' 8(9' 3.' 305' 2533'1-' 8.>1' .;' 5I57930'1-' 45' 5.:,8' 30'1?' .;' ;.7$305' 0:24(18'1-' .;'0'2' '1<.65$ 305' '6E7.I5651 3' .;' 0'2' ;.73:152$' (18' 305' (77(1-5651 3' .;' 0'2' 4:2'1522' 0.>' 3.' 0(15'<.66(18' .;' 75(89' 6.159' '1' <(25' 05' >(1358' '3' 0.>',' 6('13('1' (18' '1<75(25' 0'2' <758'3' >'30' 305' '1-' (18' 305' (7,' .;' (,'24:79' A1.>' .78' 75(2:757D' 49' (<<5E3(4,5' 257I'<5' >0(3' 2:4J Q5<32' 3.' (33518' 3.$' >0(3' (81'<52' 3.' .;;57$' >0(3' <(252' 3.' 45' E75E(758' '1' 0.>' 3.' '1<75(25' 0'2' E7(<3'<5$' (18' 87(>'4:2'1522' 3.' 0'2' .>1' .;;'<5' >0(3' 2:'32' 3.' 6.15' ;.7' 0'625,,;$' (18' 0.>' 3.' -'15' 51'851<5' .;' 0'2' 2:E5J 7'.7'39' 3.' <.6E53'3.72' '1'8','-51<5$ M5(,$' (18' <(E(<'39' 0.>' 3.' '6E7.I5' 0'2' E572.1(,' (<@:('13(1<5' >'30' 305' '1-' (18' 305' -75(3' <.:1<',.72$ (18' 52E5<'(,,9' 0.>' 3.' 6(?5' 0'625,;' :25;:,' (18' (-755(4,5' 3.' (,'24:79' >0(3' (77(1-5651 32' 3.' 6(?5' ;.7' 305' 45335 7' (86'1'237(3'.1' .;' 0'2' 15>' .;;'<5$' (18' 0.>' 3.' 6553' (13'<'E(358' .4Q5<3'.12'Q >0(3' E75E(7(3'.12' 3.' 6(?5' ;.7' 305' 15G3' (7,'(6513' >0(3' 65(2:752' 3.' 3(?5' ;.7' 305' '6J E7.I5651 3' .;' 0'2' ,(182' (18' ,0(252$' (18' ;.7' 305' 75-:,(3'.1' .;' 0'2' 0.:250.,8' ' >0(3' 0.:252' 3.' 030'1?' .;' ;.7' 0'2' 8>5,,'1-$ A45'1-' 1.>' '1' >(13' .;' (' 8>5,,'1-KE,(<5' '1' 305' 15'-04.:70..8' -;' .18.1$';'3357';.7' 0'2' 15>' <.18'3'.1' 30(1' 0'2' <0(64572' '1' 7(9=2' 11D$' (18' .3057' 6(33572' .;' 305' 2(65' ?'18# ;357' >0'<0' 05' E7.<5582' 3.' 751'5>' 305' <.13513 2' .;' 0'2' <(4'153$' (18' 75<.12'857' 305' 8'237'4:3'.1' (18' .7857' .;' 0'2' I(7'.:2' 4..?2' (18' E(E572' 1(65,9$' ' 4..?2' .;'<.6E.2'3'.12$ H' .;' 1.352' 75,(3'1-' 3.' 305' 2(65$ L' .1' 6(33572' <.115<358' >'30' 0'2' E7.;522'.';$ H' .1' 6(33572' <.115<358' >'30' 0'2' .;;'<5$' '75,(3'1-' 3.' 0'2' E572.1(,' (;;('72# 18' 30'2' (EE5(72' 3.' 0(15' 4551' 0'2' ;'723' 8(9=2' >.7?$' .18(9$ \ ' :,9# 1' :528(9$' (;357' 2:--523'1-' 3.' 0'625,;' (' 6.75' <.1151'513' (7K

7(1-56513 .; 2. 65 .; "2 1.35K4. .?2$ 05 3:712 4'2 (33513'. 1 3. 305 ;.73:152 .; 305 75(3 123(:7(3'. 1 4:3 30'2 (,2. '1 305 >(9 .; 4:2'1522 (18 6(1(-56513# 05 -75(3 .405<3 45'1-3. -53,'5,E .; (4,5 (18 '1;,:513'(,E572.12 '1 305 ;:73057(1<5 .;305 >.7?$ 05 45-'12 49 <.12'857'1-3>0. (75,'?5,9 3. 3(?5 (1 '1357523 '1 '3$ (18 0.>3059 6(9 45 (337(<358# 05 '1-3 45 0(8 (,75(89 (EE5(,58 3. '1 305 8I(1<56513 .; 5(71'1-$ (18 (2 30575 '2 1. (,,:2'. 1 3.*0'6 0575 '1 <.115G'. 1 >'30 '3$ 2:EE.25 05 0(8 2(3'2;'58 0'6 25,;30(3 30575 >(2 1. 0.E5 .;5;'5<3:(, 05,E ;7.6 30(3 @:(7357# 05 7'1<5>(2 23',, (4.9$ 4:3 2.6530'1-3 6'-03 E570(E2 45 6(85 .;0'6 '1 8:5 3'65# .> '7 (I'8 :77(9 >(2 ?55E57 .;0'2 E7'I9 E:725$ (18 '7 0.6(2 0(,.157 0(8 305 <0(7-5 .;0'2 E572.1 (18 0.:250.,8# '7 0.6(2 >(2 (1 .,8 (<@:('13(1<5 .; (<.1=2 .>1$ (18 30.:-0 05 8.52 1.4 (EE5(7 3. 0(15 ?1.>1 '7 (I'8$ 05 ?15>(6(1 .;305 1(65 .; :225,,>0. N 85E51858 :E.1 0'6$P \ (6(1 2?',,58 '1 8'2J 3',,(3'.12$ 25E(7(3'.12$ (18 6'157(,37'(,2$=>0.$ ';05 <.:,8 45 '1357J 52358 '1 305 <(:25$ 6'-03 45 (65(12 .;'1357523'1-3 305 .30572# 051 30575 >(2 '7 (,357 (,5-0$ >0.25 (<3'I'39$ <.1;'158 >'30'1 305 >(,,2 .;'305 .>57$;.:18 5G57<'25 '1 5GE57'6513 2 .;<056'2379 (18K (,.1-3>'30 0'6 305 (7,' .; .730:6457,(18$ (E7.;52258 E(37.1 .; ,5(71'1-3 4.30 .;3056'13'6(35,9 <.115<358 >'30 0.6(2 (77'.3$ 305 -75(3 6(3056(3'<'(1 I(,:(4,5 (,,'52 (,,$ ';3059 <.:,8 45 E7.J <:758# 0.5,25 j 05 651>0.25 E7.;522'.1 47.:-03 3056 6.(3 '13.' <.13(<3 >'30 1(3:7(,' 2<'51<5 >575 305 E092'<'(12 30.:-0 ;.7 305 6.23 E(73 3059 ?5E3 305 45(351 >(9$ (18 23..8 49 305 75<5'I58 7:,52 .;'305'7 (73# ',,'(6 (7I59$ (9.:1-3 6(1 .;'30'739$ 0(8 4551 5,5<358 305 95(7 45;.75 (;5,,.> .;' 305 .,,5-5 .; 092'<'(12$ (18 >(2 7'2'1-3 '13.' 8'23'1<3'.1# :3 305 -75(3 8'2<.I579 >0'<0 0(2 6(85 0'2 1(65 2.';(6.:2 >(2 .;6:<0 ,(357 8(35$ (18 '; (<.1>(2 (<@:('1358 >'30 0'6 (3'30'2 3'65$.;'>0'<0 ;'18 1.'5I'851<5$ 05 <.:,8 1.3 0.E5 ;.7 6:<0 05,E .7 296E(309 ;7.6 2.'.730.8.G (1 7'23.35J ,'(1# 05,'?5,'523 45 <.:,8 30'1?'.;'30(3 8(9 >575 (889 (18 (6J 6.18$ 30h .:73 E092'<'(12$ >0.25 1(652 >',, E570(E2 45 75656J 45758 0575(;357 '1 <.115G'. 1 >'30 30(3 1.35 30.:-0 8.'1.3;'18 30(3 (1930'1-3<(65 .;'3# 5(13'65 :225,,3 A305 6(1 .;'8'23',,(3'.12 (18 25E(7(3'.12 (,75(89 6513'.158 (18 .5 A>0.3>(2 (,'24:79=2 E092'<'(1 6'-03 05,E 0'6 >'30 <.,,5<3'.12 .;5GE57'6513 2 '1 305 '7 (73$ (18 A45'1-3 Q:8'<'.:2,9 <:,3'I(358 >'30 '1;.76(3'.1 (2 3.' 305 3(2352 .;2:<0 -75(3 E572.12 (2 3059 (3351858# 051 ;.7 651 .; -5157(,',5(71'1-$ 30575 >(2 305 7<04'20.E .; (13574:79$ \ N 2'1-,5$P 30575;.75 (6(1 >0.25 65(12 >575 (I(',(4,5 ;.7 E:4,'< .4Q5<32 N -,.7'.:2$P 30575;.75 .15 >0.3 6'-03 45 (337(<358 49 305 -75(31522 .;305 51357E7'25$ (18 N 45,'5I'1-3 305 25125$P 30(3 '2 A '2:EE.25D

37 : 5 6 53,' . 8 \ 345Q"'O>QV 5 - 18 '3 > . : ,8 45 >5,,' 3 . ' E . 23J E . 15 0'2 (335 6 E3 3 . ' 87(>' '1' 305 '20 . E2 3',,' . 15 . 7 . 3057 . ;' 30525 >575 N '1' 2 . 65 ; . 7 > (781522#P

: 3 30'2 >(2 . 1,9 ; . 7 (1 5G(6 E,5 . ;' 305 >(9 '1 >0'<0 305 > . 7? 6 : 23 45 8 . 15 \ 305 >(9 '1 >0'<0 305 6 (357'(,2 >051 - (305758 6 : 23 45 : 258#R . > 3 . ' E7 . < : 75 05,E 3 . > (782 305 % % ' . ;' 305 6 (357'(,2 >(2 3 . ' 45 30 . : - 03 . ;# > . ' E . 73' . 12$ (2 . ;' 6 . 23 I (, : 5 ; . 7 0'2 E : 7J E . 252$ (EE5(7 3 . ' 0(I5 4551 ' : EE57 6 . 23 '1 2 6 '18 30 (3 8(9 ' / 23$ (' 0'23 . 79 . ;' 6 (7I5,2$ 30 (3 '2 . ;' 1(3 : 75 577'1 - # . 7 I (79'1 - ' ;7 . 6 ' 057 : 2 : (,' < . : 725 \ ; . 7 N ;7 . 6 ' 305 > . 18572 . ;' 1(3 : 75 '2 305 15(7523 E(22(- 5 (18 '135,,' - 51<5 3 . > (782 305 > . 18572 . ;' (73$P (18 N '3 '2 1 . ' 6 . 75 4 : 3 49 ; . ,,. > '1 - $ (18 (2 '3 >575 0 . : 18'1 - $ 1(3 : 75 '1 057 > (1857'1 - 2$ 3 . ' 45 (4,5 3 . ' ,5(8 057 4(<? 3 . ' 305 2(6 5 E,(<5 (- (' 1 * (18 18$ (' 0'23 . 79 . ;' 305 . 4257I(3' . 12 (18 5GE57' 6 5132 . ;' (,,' 6 5<0(1'<(,' (732 ; . 7 N ,'?5 (2 (' 6 (1=2 8'2E . 2'3' . 1 ' '2 15I57 >5,,' ?1 . > 1 3',,' '3 45 <7 . 2258$ 1 . 7 7 . 35 : 2 5I57 <0(1 - 58 20(E52 3',,' 05 >(2 237('35158 (18 05,8 ; (23$ 2 . ' 305 E(22(- 52 (18 I(7'(3' . 12 . ;' 1(3 : 75 <(11 . 3 (EE5(7 2 . ' ; : ,,9 '1' 305 ,'45739 . ;' 1(3 : 75 (2 '1' 305 37'(,2 (18 I5G(3' . 12 . ;' (73#P ^ : 3 4 . > >575 2 : <0 0'23 . 7'52 3 . ' 45 . 43('158j ' . 3 > '30 . : 3 N <. 6 6(18 . ;' > '32 (18 E512#P . : ,8 05 0'625,;' - 53 37(12;57758 3 . ' 2 . 65 . ;;'<5 >0'<0 > . : ,8 - 'I5 '3 j . 65 . ;;'<5 . ;' (: 30 . 7'39$; . 7 '123(1<5$ '1' 2 . 65 E,(<5 851 . 358 3 . ' ,5(71'1 - # 18 3051 05 30 . : - 03 . ; 5236 '12357$ 3 . 1$ '1<052357$ 7'1'39 . 7 3# . 01=2 '1 (647'8 - 5$ (- 8(,51 ' 1 G; . 78 (18 . ;' 452E5(?'1 - ' 2 . 65 (EE . '136513 . ;' 305 ?'18 453'652$ >'30 305 '1 - ' (18 305 <0(1<5,,. 72 . ;'305 3> . ' : 1'1572'3'52 \ !1(65,9 7<04'20 . E (1<7 . ;3 (18 (,'24 : 79# . : ,8 05 '1' 305 65(13'65$ 49 0'2 E572 . 1(,' (: 30 . 7'39$ (>(?51 (' 0 . E5 (18 M5(,' '1' 30 (3 8'75<3' . 1$ '1J 2E'7'1 - ' <. 1;'851<5 '1' . 30572 49 (22 : 6'1 - ' '3 0'625,;$ \ ,'?5 (' E7 . E053 >0 . ' <. 652 '1' 0'2 . >1'1(65 j . : ,8 05 8 . ' (1930'1 - ' >'30 305 9 . : 1 - ' 2<0 . ,(72 '1' 305 : 1'I572'3'52j ' ; . 7 N '3 6 : 23 45 ' ' 1 (: 8 1 . 3 305 -7 . >1K : E -5157(3' . 1$;7 . 6 >0 . 6 0'2 05,E 20 . : ,8 <. 65# . > ' ;' E512' . 12 <. : ,8 45 (22'-158 3 . ' (' <573('1 1 : 6457 . ;' E572 . 12$ 30 (3 3059 6 '-03 851 . 35 3056 25,I52 3 . ' 305 > . 7?' j . 7 0 . >' ;' (' <. ,,5-5 <. : ,8 45 575<358 ; . 7 305 2E5<'(,' 23 : 89 . ;' 305 '(73 . ;' '1I513' . 1' j \ (' <. ,,5-5 ; : 71'2058 >'30 (,,' 305 75@ : '2'35 (EE,'(1<52$ 4 . . ?2$ 51-'152$ I (: ,32$; : 71(<52$ 3577(<52$ > . 7?20 . E2$ (,,. > (1<52 ; . 7 37(I5,,'1 - ' (18 5GE57'J 6 5132$ (77(1 - 56 5132 ; . 7 '135,,' - 51<5 (18 <. 7752E . 1851<5 >'30 305 : 1'I572'3'52 (47 . (8$. 78572 (18 75 - : ,(3' . 12 AN 6 'G58 >'30 2 . 65 E . '132 E . E : ,(7$ 3 . ' '1I'35 6 (19 3 . ' <. 137'4 : 35 (18 Q . '1'PD$ 0 . 1 . : 72 (18 75J >(782 3 . ' 5G<'35 (64'3 . 1$ \ (2$; . 7 '123(1<5$ - (,,57'52 N >'30 23(3 : 52 . ;' '1I513 . 72 E(23$ (18 2E(<52 . 7 4(252 ; . 7 '1I513 . 72 3 . ' <. 65$P \ >('3J '1 - ' ; . 7 305 85257I57T \ (' 7 : 8'6513$ '1' 20 . 73$. ;' . ,. 6 . 1=2 . : 25 j

= 8I# . ;' 5(6#$ 0',. 2# . 7?2$ I . ,# '''# E# FF/$ = 8$ '4$

.7 752. :7<52 ;.7 51<. :1357'1-'3 8.52 1.3 <,5(7,9 (EE5(7# 5 30'1?2 .;'305 .;;'<5 .;' '5:351(13K .123(4,5 '1 <.115G'.1 (EE(7513,9 >'30 305 E.22'4,5 N(4251<5 .;'305 7'1<5 ';'05 <.65 3.' 305 7.>1 49 >(72#P 5 2E5<:,(352 :E.1 N<.1;5857(<9 (18 6.75 237('3 (6'39 >'30 305 .>' .:137'52 P >'30 (1 ('6 ' '6(-'15 3.' E75E(75 ;.7 (' 4.,857 (18 6.75 (<3'15 ;.75'-1 E.,'<9# 051 05 3:712 3.''13571(,' 75;.7621 305 N,'6'3(3'.1 .;'Q:7'28'<3'.12 P >'30 (' I'5> 1.' 8.:43 3.' @:'53 305 8'2E:352 453>551 305 25157(,'<.:,732 .;'Q:23'<5 >0'<0 '1 30'2 25(2.1 .;'E5(<5 >575 8'23:74'1-'305 37(1@:',,'39 .;'305 <.:1379 1 305 <.6E.:18'1-'(18 <.,,5<3'.1 .;'15>,(>21 305 N 7523.7(3'.1 .;'305 0:7<0 3.'305 37:5','6'32 .;'(:30.7'39 2'1<5 5179 30=2 <.1;:2'.1 (,,' 65(2:752 ;'3 3.' .<<:E9 305 (33513'.1 .;' (7,'(6513 (18 8'1573 '3 ;7.6 305 237:--,5+>'30 305 7.>1 ;.7 E.>57# 3 25562 (,2.' (2 ';' 05 0(8 30.:-03 .;'75<.66518'1-'2.65 (4(3566513 .;'305 E753512'.12 .;' 305 7.>1 '325,;$ (18 '12E'7'1-'305 '1-' >'30 (1 (64'3'.1'3.' 2552 0'2 -75(31522 '1 523(4,'20'1-'(' 6.75 E.E:,(7 ;.76 .;'-.1571651317 ;.7 05 2E5(?2 .;'N 4..?2 '1 <.66518(3'.1 .;'6.1(7<09 6'G58 .7 (7'23.J <7(<9$P (18 .;'N E572:(8'1-'3,'5 '1-''1 -,.79 7 % % 1 051 ;.,,.>2 2.6530'1-'(4.:3 305 <0.'<5 .;';'3 E572.12 3.' 45 (22:758 2.6530'1-' >0'<0 30'1?' 6:23 75;57 3.' (1 (2E'7(3'.1 05 0(8 <.1J <5'158 .;'2:<<558'1-' 0'625,;'3.' (,'24:79=2 ,(35 .;;'<5 .;' 25<753(79 (18 2.6530'1-'(4.:3 >'11'1-' (,'24:79 N 3.' 305 E.'13 .;'E.,'<9 \ ' 65(1'1-$ E7.4(4,9$ 305 E.,'<9 ;.7 (I.'8'1-' E.E:,(7 8'2(;;5<3'.1 8 9 ' :' 05 (882$ % * ' 2 ' :3 305 658'3(3'.1 <.1J <,:852 >'30 (' 656.7(18:6 3.' N;'1'20 0'2 375(3'25 .;'305 -75(31522 .;' 7'3('1 >'30 (2E5<3 (8 .,#P A>0'<0 65(12 '2:EE.25 >'30 75;57J 51<5 3.' 305 E.,'<9 >0'<0 305 3'65 75@:'758D (18 >'30 305 3>.' ;.,J ,.>'1-' 1.352 >0'<0 2556 3.' 5GE,('1 '135,,'-'4,9 51.:-0 >0(3 30(3 E.,'<9 >(2# 05 ,533572 >'30'1 47(<?532 (75 '1257358 49 <.:Q5<3:75# N 05 ;('7523 >'30.:3 8'2;.7857a .7 E57b',a '2 305 -5157b(,a E57K :(8b'1-a 3.' # (18 E5.Eb,5a (18 <.:725 .;'1';:2'1-'51579>0575 305 ;.:18(3b'.1a '1 30'2 2,5 .;' (.1b(7<09a '1 305 523 (2 (1 (E3 25(3 23(35 E5.E,5 ;.7 '3# .' <'I','M'1-' 75,(18 ;:7857 <.,.1'Mb'1-a 305 >',8 .;' <.3,b(18a 115G'1-'305 .> .:137'52# N ;' (1930'1-'45 @:523'.b158a 3.:<0'1-a .,b'<9a 3.' 45 3:7158 :E.1 305 (6E,'(3'.1 .;'(' 6.1b(7<09a '1 305 .9(,39#P 05 4523 >(9+'1 20.73 3.' (I.'8 305 8(1-57 .;'E.E:,(7 8'2<.13513 <.1<:77'1-' >'30 85E51851<5 .;'305 7.>1 :E.1 E.E:,(7 2:EE.73 >(2 ;.7 305 7.>1 3.' E:3 '325,;'(3 305 05(8 .;'2.65 6.I5651 >0'<0 20.:,8 <(779 305 296E(309 (18 (64'3'.1 .;'305 E5.E,5 (,.1-' >'30 '3# 05 >(72 >'30 E('1 '1 ,'M(4530=2 3'65 (18 305 4.:13';:',.9(,39 >0'<0 7:2058 3.' (652=2 (22'23(1<5 :E.1 305 8'2<.I579 .;'305 :1J E.>857 ,.3 0(8 E7.I58 0.>7(E'8,9 8'23(2352 (18 8'2E:352 <.:,8

□ ' ' ' ' ' ;' R + $' R

45' ;.7-.4351#:1857'305'5G<'35651 3'.;'('<.66.1'E(22'.1'1' (18'('; 5>' 95(72' 6.75'20.>58$'1'305'75(89'.E51'1-'.;'305'1(3'.1(,'E:725':E.1' 305' E7.6'25'.;'('>(7'; .7' 305' 75<.I579'.;'305' (,(3'1(35$'30(3'5151' >051'305'8'25(25'0(8' (8I(1<58' 6:<0';:73057'305'5; <(<9'.;'30(3'75J 6589'6'-03'23',,'45'37:2358#

(I'1-'<.1<,:858'0'2'6 58'3(3'.12':E.1'305'E.,'3'<(,'8'' <:,39$'05' (EE5(72'3.'0(I5'752358';.7' ('>0',5# 53:71'1-'E752513,9'3.'0'2' >.7?$ (18'0(I'1-';'723'253'8.>1'('; 5>'N';.762$P' (2'05'<(,,58'3056 \' 30.:-032'15(3,9'5GE752258$'>0'<0'0(8$'E570(E2$'.<<:7758'3.'0'6''1' 305''1357I(,\ (18'('; 5>'656.7(18('<.1<571'1-'0'2'4:2'1522' (18'305' '6E7.I56513'.;'0'2';.73:152$'2'6',(7'3.'30.25'>0'<0'.<<:E'58'0'6' .1' .18(9$'05'3:712'3.'305'<.18'3'.1'.;'0'2'.>1'8>5,,'1-'(3'B.7K' 0(64:79$'>0'<0'2'1<5'0'2';(3057=2'85(30'0(8'4551'(,,.>58$'.>'1-'3.' 0'2'47.3057=2',.1-'(4251<5'(18'(42.74'1-'.<<:E(3'.12'(18'>(13'.; 6.75'30(1'(,,'0'2'6.159';.7'.3057'30'1-2$#3.';(,,'.:3'.;'75E('7# (I'1-'1.>'('; ('7'E7.2E5<3'.;'(1'(6E,5'1<.65$'05'<.:,8'(;;.78'3.' <.6651<5'305'37'66'1-'.;'0'2'-7.:182'(<<.78'1-'3.'0'2'3(235'1' (18' 05'45-'12'>'30'N'8'75<3'.12';.7'('E,.3'3.'3:71'305'E.18K9(78'13.'(' E,(<5'.;'E,5(2:75$P'49'51<,.2'1-'(18',(9'1-''3'.:3'1'47.(8'>(,?2'(18' 3577(<52$'>'30'4(1?2'(18'4.78572'253'>'30'<0.'<5'37552'(18';,.>572$ (18'('(?5''1'305'6'88,5'>'30'25157(,'2,(182'1'3$I(7'.:2,9';:71'2058' (18'(8.7158';.7'7523$'5G57<'25$'(18'75;7520613$'(18'E,5(2:75'.;'595$ 5(7$265,,$3(235$'(18'2E'7'32# 05'852'-1'A>0'<0''1558'1.3'6.75' E(73'<:,(7,9'852<7'45$'(2'305'>0.,5''2'>7'3351'.:3'>'30.:3'(19'(4475J I'(3'.12'.7'.42<:7'3'52$'(18''1'6'1:35'853(',D'(EE5(72'3.'0(I5'4551$ '1'E(73'(3',5(23$'<(77'58'.:3''';.7''3'>(2''1'305'15'-04.:70..8'(18' I'5>'.;'30525'E.182'30(3'05'(;357>(782'4:',3'57:,(6'.:25$'0'2' ;(I.:7'35'752'851<5';.7'2:6657#

;357'('; 5>'6.75'656.7(18('.;''6E7.I56513 2'3.'45'6(85'.7' 30.:-03'.;$'>0'<0'A>'30'.15'5G<5E3'.1'3.'45'1.3'<58'(;357>(782D' 1558'1.3'E(73'<:,(7'M5$'05'E7.<5582'3.'#'$,\ 75656J 47(1<52'(18'.42571(3'.12'<.1<571'1-'0'2'.>1'05(,30'W'('<:'n.:2'(18' 6'1:35'75<.78'.;'('<.13523'>830'18'-523'.1$'(18'.;'305'5;;5<32'.;''3$ 4.8',9'(18'6513(,# 0525'(,2.'(75'>7'3351'.:3'@:'35';:,,9'(18''135,J ,'-'4,9$'(18'6(9'45'75(8''1'305'.7'-'1(,'>'30.:3'05,E# .'658'<(,'651' 3059'6(9'E7.4(4,9'45''1357523'1-'(2'('75<.78'.;'296E3.62'(<<.78'1-' 3.'305'E(3'513=2'.>1''1357E753(3'.1'.;'0'2'.>1'2512(3'.12$'(18'(2'75J I5(,'1-$307.:-0'305'45335'7',-03'.;'6.8571'2<'51<5$'305'75(,'23(35'.;' (<.1=2'<(25'(18'<.123'3:3'.1# 1E7.;522'.1(,'75(8572'>',,'45'<.1351'3 >'30''1;577'1-'30(3'05'2:;,5758'6:<0';7.6'>0(3'>5'1.>'<(,,'892E5E2'($ (<<.6E(1'58'>'30'('1579'2512'3'I5'1571.:2'29235 6$'307.:-0'>0'<0' '3'(;;5<358'305''6(-'1(3'.1#K 1.>'1-'3.'>0(3'305'8'23:74(1<5'>(2' 8:5$'05'8'8'1.3'9'5,8'3.'305'85,:2'.1'4:3'305'8'2.7857'3.'>0'<0'05

3(1<5' <(11.3' 45' -'I51' '1' ;5>57' >.782$ ' 1558' 8.' 1.' 6.75' 0575' 30(1' 75<. 6 6518' '3' 3.' 305' 75(857-2' 1.3'<5#

;357' 30'2' ;.,,.>' 2. 65' 1.352' .;' 305' 2(65' ?'18' (2' 30.25' >'30' >0'<0' 05' .<<:E'58' 0'625,;' .1' .18(9W 75656 47(1<52' .;' E.'132' 3.' 45' .4* 257I158' '1' 0'2' <.:725' .;' .;;'<'(,'257I'<5$ >'30' (' I'5>' 1.3' .1,9'3.' -53' 305' >.73' 5;;5<3:(,,9' 8.15$ 4:3' 3.' 6(?5''3' 20.>'3.' 305' 4523' (8I(13(-5$' (18' 75<. 6 6518' 0'6' E572.1(,,9' 3.' ;(I.:7' (18' (8I(1<56513# 0525' (75' ,'?5>'25' ;.7' 305' 6.23' E(73'253'8.>1' >'30' 3.,57(4,5' ;:,1522' ' (18' 45'1-' <.,,5<358' '13.' (' ;5>'E(-52' :1857' (' <.12E'<:..:2'3'3,5$ \ N' " ' '

' * $P \ (18' 75,(3'1-' 3.' E572.1(,' 6(33572' '1' >0'<0' 6.23' E5.E,5' ;'18' (6125 6513$' 3059' >',,' 1.' 8.:43' 75<5'I5' 305'7' ;:,,' 20(75' .;' (33513'.1# 05' 8(1-57' '2' 30(3' 3059' 6(9' 75<5'I5' 7(3057' 6.75' (18' 6.75' 5G<,:2'I5' (33513'.1'30(1'E7.E57,9'45,.1-2'3.' 3056$' (18' 2.',5(I5' (' ;(,25' '6E7522'.1$ 1.3' 2.' 6:<0' .;' 305' 1(3:75' .;' 305' 30'1-$' (2' .;' 305' @:(13'39' .;'3' '1' E7.E.73'.1' 3.' 305' 7523' (18' 30575;.75''3''2' 305' 6.75' 15<522(79' 3.':185723(18' <,5(7,9' >0(3' 305' 30'1-' '325,;' 75(,,9' '2$ p18' >0(3' '1;5751<52' >5' (75' Q:23';'58' '1' 87(>'1-÷;7.6' 305' .<<:7751<5' .;' 2:<0' 656.7(18(' '1' (' 1.35K4..?# .' '1;57';7.6' 3056' ('1(3:7(,' (E3'J 3:85' (18' '1<,'1(3'.1' '1' 305' >7'357' 3.' 8.' 305' 30'1-2' >0'<0' 3059' 75J 6'18' 0'6' 3.' 8.$ >.:,8$' 1' 69' .E'1'.1' A(2' '0(I5' (,75(89' .4257I58D$ 45' >7.1-# 51' 6(?5' 1.352' .;'30'1-2' 3.' 45' 8.15$ >0'<0$ >'30.:3' (' 756'1857$ 3059' >.:,8' 45' '1' 8(1-57' .;' ;.7-533'1-' 3.' 30'1?' .;# :3' 30.:-0' 1.3' '6E,9'1-' (' 1(3:7(,' E7.E512'39$ 3059' 8.' 1.' 8.:43' '6E,9' (' 85,'457(35' '13513'.1' 3.' 8.' 30.25' 30'1-2$ (18' (' <.1<,:2'.1' .;'305' Q:8-J 6513' 30(3''3''2' ;'3$:1857' 305' <'7<:623(1<52$ 30(3'3059' 20.:,8' 45' 8.15# .>$:E.1' 2.65' .;' 305' E7(<3'<52' >0'<0' (<.1' 0575' 2:--5232' (18' E75J 2<7'452' 3.' 0'625,;$ (' @:523'.1' 6(9' 45' Q:23,9' 7('258' 0.>' ;(7' 2:<0' (1' '13513'.1' '2' <.12'2351 3' >'30' (' 2.:18' 6.7(,'39#' 18' 30.:-0' 69' .;;'<5' '2' 3.' 75E.73' ;(<32' (18' 1.3' 3.' 85,'I57' <512:752$ (18' 'E75;57';.7' 69' .>1' E(73' 3.' E.23E.15' Q:8-6513' :13',' 305' <(25' '2' (,,' 45;.75' 65$' '3' 6(9' 45' >5,,' E570(E2' 3.' '1357E.25' (' <(:3'.1' .7' 3>.' ;.7' 305' <.12'857(3'.1' .;' 30.25' >0.' <(11.3' >('3' 2.',.1-#

3' 6:23' 1.3' 45' ;.7-.3351' 3051$ 30(3' >5' 255' 0575' 1.3' .1,9' 30.:-032' (18' '13513'.12' 0(,;' ;.7658' (18' '6E57;5<3,9' 5GE,('158$ 4:3' >5' 255' 305' 25(69' 2'85' .;' 3056$ >0'<0' '1' .3057' <(252' '2' ?5E3' .:3' .;' I'5>#

(<.1','?58' 3.' <(,,'30'1-2' 49' 305'7' 37:5'1(652' (18'';'05'5157' 30.:-03' ;'3' 3.' 85h5'I5'0'2' 15'-04.:7$ 8'8' 1.3' 30'1?' ;'3' 3.' 85<5'I5'0'625,;' 49' 8'2-:'2'1-' 305' 75(,' 1(3:75' .;' 305' (<3' :1857' (' 5:E056'26# .>$ 6.23' .;' 305' ,'33,5' (732' .;' 2.<'(,' '1357<.:725' >0'<0' (75' E7(<3'258' -5157(,,9' (18' >'30' -5157(,' (EE7.4(3'.1' :1857' 305' -7(<'.:2'1(652' .;' 3(<3$ -..8' 47558'1-$ K(18' 305' ,'?5$ (75' '1' ;(<3' 6.852' .;' <.1<5(,'1-' 37:30' .7' <.1159'1-' ;(,250..8# ' 6(1' >0.' E7535182' 3.' 45' ,'2351'1-' >'30' 5(71523' '1357523' 3.' (' 23.79' >0'<0' 8.52' 1.3' '1357523' 0'6' (3' (,,$

E7.4(4,9';'18'30(3''3'E7.<55858'7(3057';7.6'('852'75'3.'6(?5'0'6'45,'515'30(3'05'>(2'(1'.4Q5<3'.';'75I5751<5'30(1';7.6'(19'-51:'15'.I57;,.>'.';'30(3'56.3'.1$\('852'75$'1';(<3$(2'(<.1';7(1?,9'5GJ E752252''3''1'0'2'E7'I(35'658'3(3'.1$'3.'N'6(?5'0'6'30'1?'0.>'05'20.:,8'05'75I5751<58'49'('8#0*$';''>575#P':<0'>.:,8'45'305'2(65'37(12(<3'.1'2551';7.6'>'30'1T'('37(12(<3'.1'>0'<0'(<.1'>.:,8'0(I5'5G<:258'(2'N'('2:46'22'.1'3.'305'.<<(2'.1$P'(18'>0'<0'A>053057'5G<:258'.7'1.30'2'.15'.;'('I579'1:657.:2';(6',9$'23',,';,.:7'20'1-''1'(,,'85E(7365132'.;'<'I','M58?2.<'539#'8.'1.3'6925,;$0.>5I57$'75<.66518''3';.7''6'3(3'.1T(18''3'45'37:5'30(3'1.'6(1'<(1'45'?1.>1'3.'8.'2:<0'('30'1-''1'30525'8(92'>'30.:3';.7;5'3'1-'0'2'75E:3(3'.1';.7'I57(<'39$\'(6'-,(8'3.'05(7''3#

;357'30'2''3''2'1558,522'3.'2(9'(1930'1-'(4.:3'85I'<52';.7'87(>'1-'305'-75(3'<.:1<',,.72''13.'E7'I(35'<.1I572(3'.1''1'E:4,'<'E,(<52$(18';.7'6(?'1-'<.12E'<:.:2'0'2'.>1'<(75'(18'8','-51<5''1'4'2'257I'<5'(18'E7.;522'.1T30525'45'1-'6575,9'(732'.;'E.,'3'<'.23513(3'.1$'1I.,I'1-'1.'475(<0'.;'(19'6.7(,',(>#:3'30575'(75'.15'.7'3>.'.3057'E(2J2(-52'30(3'(75',?5,9'3.'<(3<0'<(75,522'5952$(18'3.'45'(,,5-58''1'2:EJE.73'.;'('<0(7-5''1'305'.EE.2'35'8'75<3'.1$\('<0(7-5'.;'2(9'1-$1.3'>0(3'05'8'8''30'1?$'4:3'>0(3'05'8'8'30'1?T'(18':E.1'3056'>'20'3.'2(9'('5>'>.782#

1'69'(<<.:13'.;'305'2:4Q5<32'.;'0'2'658'3(3'.1'.1'.18(9'6513'.158'305'-'I'1-'5I'851<5'.;'0'2'2:E57'.7'39'3.'<.6E53'3.72''1'8','-51<5$M5(,$(18'<(E(<'39#05'1.35''>(2'6.75'E(73'<:,(7,9'30'1?'1-'.;'>(2'.15'>0'<0'45-'12$N'.'0(I5''1'6'18'(18':25'305'33.7159=2'>5(?152252$P'(18'E7.<5582'3.'51:657(35'!T!7'.:2'<(252'>0'<0'(<.1'30.:-03'305'33.7159K5157(,'0(8'6'26(1(-58$(18'<573('1'@:(,'3'52''1'>0'<0'05';.:18'0'6'85;'<'513#.'30'2'2:4Q5<3'05'75<:72'.1'305'L30''1'('1.35'05(858'N':44(78=2'8'2(8I(13(-5$P''1'>0'<0'305'<7'3'<'26''2'75E5(358'>'30'(88'3'.12'(18''6E7.I5651 32$(18'0'132'(75'253'8.>1';.7'('I579',I5,9'(18''0(I5'1.'8.:43'('I579'37:5'852<7'E3'.1'.;'305'6(1#.>$(1':1;(I.:7(4,5'.E'1'.1'.;'.15'(73'23'85,'I5758'.7'<.1<5'I58'49'(1.3057'(73'23''1'305'2(65','15''2$;.7'2.65'75(2.1'.7'.3057$(,>(92'(<<.:1358'(1'.;;51<5'(18'('37(12-752J2'.1#1'30(3'75,(3'.1$3.'2E5(?'305'37:30'257(2'3.'45'<.12'85758'>7.1-#0.:-0'(1'(73'23''1'305'2(65','15''2$.;'(,',.3057'651$305'4523'@:(,';'58'3.'255$(18'305',5(23'<(E(4,5'.;'.I57,..?'1-$305'85;5<32'.;'(1'(73'23=2'>.7?$05''2'305'.15'6(1'>0.''2';.74'8851'3.'3(?5'1.3'<5'.;'(19'85;5<3''1''3'>0(3515 7'(18'<7'3'<'26 2':E.1'(1'33.7159K'5157(,$>0'<0''1'(19'.3057'6.:30'>.:,8'45'30.:-03'Q:23$2(-(<'.:2$(18'8'2<7'6'1(3'1-$<.6'1-';7.6'305'6.:30'.;'('.,'<'3.7K515'=(,$6:23'5GE5<3'1.'453357'1(65'30(1'8537(<3'.1#:3'30.:-0''(6'E75JE(758'3.'05(7'305'<512:75$''(6'1.3'E75E(758'3.'(86'3'305'Q:23'<5

2.65' <(252' '3' 6'-03' 307.>' :25;:,',-03' :E.1' 3056 1' 0:3' ;.7' 305' 6.2' E(73' 3059' >.:,8' '1' (,,' ,'?5,'0..8' E7.I5' 3.' 45' 6(33572' .;' ;.7-.3351' 4:2'1522$' 'GE.73(13' 3.' 30.25' >0.' 0(8' 3.' 85(,' >'30' '3$' 4:3' 1.3' 3.' :2$ (18' .;' >0'<0' '3' >.:,8' 45' 'GE.22'4,5' 1.>' 3.' 75<.I57' 305' 0'23.79' <.6J E,535,9' 51.:-0' 3.' 6(?5' 3056' 75(,,9' '135,,'-'4,5# ' E7.E.25$ 30575J ;.75$,.' ,5(I5' 30(3' ,(4.:1' 3.' 2.65';752057' 23:851 3' >.7?'1-' '1' ('26(,,57' ;'5,8$ (18' 8'75<3' 69' .>1' (33513'.1' <0'5;,9' 3.' 30.25' 2:--523'.12' >0'<0' (<.1';.,,.>58' :E' (18' >.7?58' :E.1$ (18' >0'<0' >5' 20(,,' 6553' (-('1' 0575(;357#

1' E7'13'1-' 30525' 1.352' 305' .1,9' (,357(3'.1' >0'<0' ' 0(I5''137.8:<58' '2' '1' 305' E:1<3:(3'.1' 1' 305' 5;;5<3' .;' >0'<0$ (2' '3' 23(182' '1' 305' 6(1:J 2<7'E3$ >.:,8' '1' 6(19' E,(<52' 45' 6'275E75251358' 49' (1' 5G(<3' <.E9' '1' 75-:,(7' 39E5# 05' 6(19' I(7'(3'.12' .;' >0'<0' 0(18>7'3'1-' (86'32' (2' 3.' 2E(<5' 453>551' >.782$ 2E(<5',5;3' (3' 305' 518' .;',' 152$ 2'M5' .;',533572$ <(75' .7' <(75,5221522' '1' ;.76'1-' 3056$ (18' 305',''?5$ 2:EE,9' 305' E,(<5' .;' E:1<3:(3'.1$ (18' (75',.23' '1' 39E.-7(E09$ >,''<0' 6:23' 75E752513$ 3056' 49' 2:<0' 65(12' (2' '3' 0(21' (18' 30575;.75' >0575' ' 0(I5'.4257158' 30(3' 305' 8'I'2'.1' .;' 251351<52' .7' <,(:252' .41'.:2,9' '1351858' 49' 305' 6(1:2<7'E3' >.:,8' 1.3' 45' '1;57758' ;7.6' 305' E7'1358',' 15$ ' 0(I5' '137.J 8:<58' E.'132# I51' 30'2','45739$ 0.>5157$ ' 0(I5' :258' 2E(7'1-,9' (18' '1'.3057' 752E5<32' ' 0(I5'1.3' '13513'.1(,,9' (,35758' (',53357#*' 05' 175(8'1-' '2$.;' <.:725$ '1' 6(19' E,(<52' 8';;'<:,3' (18' 8.:43;:,' 4:3' X0(I'1-' 3(?51' 305';:73057' E75<(:3'.1' .;'.43('1'1-';7.6' 0,7# # # # # (6',3<6$.;' 305' 7'3'20' :25:6$ (' 6'1:35' (18' <(75;:,' <.,,(3'.1' .;' 305' E7'1358' 2,'E2' >'30' 305' .7'-'1(,' #$ ' 37:23' '3' >',' 45' ;.:18' 3.' 05' (2' <.775<3' (' <.E9' (2' 305' <(25' (86'32' .;#

(19' .;' 305' 1.352' 0(I5' (',' 15' 87(>1' (<7.22' 3056$ '1' E75E(7(3'.1' (EE(7513,9' ;.7' (' 15>' <.,,5<3'.1' .;' ' 0575' 30'2' '2' 305' <(25' ' 0(I5' 6513'.158' '3' '1' 305';..3K1.352$ 4:3' 305' 35G3' '2' 65(13' 3.' 75E752513' 305' # (2' '3' .7'-'1(,,9' 23..8' 1' (18' 1.' >.78' '2' .6'3358' >0'<0' 8.52' 1.3' (EE5(7' 3.' 0(I5' 4551' '1351858' 3.' 45' 57(258' (3' 305' 3' 65' .;' >7'3'1-#

* ' .:-03$ 0.>5157$ 3.' 6513'.1' 30(3' 2.65' >.782$ <0'5;,9' 2:<0' (2' 45-'1' >'30' ' .7' .$ (75'E7'1358' >'30' (' 26(,,' '1'3'(,' ,53357$ 30.:-0' 3059' (EE5(7' 3.' 45' >7'3351' >'30' (' <(E'3(,# 0575' (75' '1';(<3' 2.' 13(19' 2:<0' >.782' >0'<0' (75' 2.' 8'23'1-:'2058' >'30J .:3' (19' (EE(7513' 75(2.1$ 30(3' ' 30'1?' (<.1' <(11.3' 0(I5' E'5(03' 3056' ;.7' <(E'3(,2$ 4:3' 65(13' .1,9' 3.' 6(?5' 305' 26(,,' ,53357' '1' 305' ;.76' K:2:(,,9' (EE7.E7'(358' 3.' <(E'3(,2#

H ' TT ' ' ' ' ' R $'

' ' '

.*'

b;# #a .' 6(?5' (' 23.<?' .;' *' (,,>('52' ''" 75(89152 ' ;.7' 4(7-('152'
(18' .<<(2'.12#
.' 2533' 69#25,;' '1' <7h8'3h' ;.7' 4.7.'>'1-' :E.1' (19' -75(3' 8'24:7K'
256*^1' >91573.1' R= '5# :,,'15:G1' 69' 2'2357' 57'(6Q'
137.E.21' 0# .>5,,'E57' 0(6E1572' R# # '<?52#
.' 305' 2(65' E:7E.25' 3.' 0(I5' 2:73'52' 75(89$ 69' 47.# (30(1#"'
69' 47.3057' 8#"'69' .2# ..?#" 8# .152'W"' 5# ,553>..8'"'
(,8.5#" .4# 56E# 58,9#
.' 2533' .1';..35' (18' 6('13591' (<<r2' >U*0'2' #
.;'305' 0(E#"' (9#"' 0# :779'"#

9- ' '7' .01' >'11573.1$ 1U$('.18.1' (,8576(1'1' 12' '-(3057';7.6'
(1.3057' 6513'.1' .;'0'6' bE#L $'>0575' 0'2' 1(65' (EE5(72' (2'<758'3.7';._ #
5'>(2'.15'.;'305'2057'';,2'.;' .18.1'(3'305'3'65'.;' (652=2'5137(1<5$'>(2'?1'-0358'
(3' 0'350(,,$' B30' :,9$'/B F$'2(35';.7' 7'12358'1'305'15G3' (7,'(6513$'(18'>(2'
(;357>(782' .78' (9.7# 55' '<0.,,2$'# / #
' # ' # 4' '7' '<0(78' .,'15: $ 6560 57';.7'<.# (1<(2357' '1'
(652=2';'723' (7,'(6513$'(18'.15'.;'305';'723'5'-03551'4(7.1532'<75(358'1'/B//#
'2'1(65'23(182'25<.18'.1'305',23# 55' '<0.,,2$''# H #
X#-' ' '8.>'.;' 0'5;' :23'<5' 57'(6$>0.'8'58''1'/B H'W .15'.;'
(<.1=2'0(,;K2'23572#
& ' @ 9 ' 0575'>(2'(' '7' .01' .>5,,' ?1'-0358'C30' :,9$'/B/L# 55'
'<0.,,2$'k'# #
' # ' % ' '7' '<0(5,' '<?52$>'30'>0.6'>5'(75'(,75(89'(<@:('1358$'(2'
E15'.;' (<.1=2';(6','(7'752.:7<52''1'0'2'6.159'8'' <:,3'<2#
0525'3>.'1.352'(75'<7.2258'.:3'1'3,'5' #
#-'D 'E ' '-'D '&' ' (30(1(5,' (<.1'.;' 3', ?59$ .7;.,?'1' (18'
8>(78$.;' 07:4,(18' (,,$:;;.,?'Q 25<.18' (18'30'78'5.12'.;' '7' '<0.,(2'49'
0'2';'723'6(77'(-5#
#-'% ' " B' 7.4(4,9' '7' ',,'(6' ..?$.15'.;'305' '889' (,,' A (<.1=2'
6.3057=2D';('6,9$>0.'6(77'58'A255'.'# #'E#FBLD'.9<5' :<9$.1,9'2:7I'I'1-'
'22:5'.;' '7' 0.6(2' :<9'.;' 0(7,52<.3.$ 49'0'2';'723'6(77'(-5$ (18'05''R522'.;'
91(6''1' ,.:<5235720'75# 5'8'58''1'/B/ # 55' :8857$'E#FH #
' '& ' 'F 9 ' .30'30525'1(652'(75'<7.2258'.:3# 05';'723'6(9'
E570(E2' 45'305'N < I(78' .152P''1'>0.25';(I.:7'305',53357# .'# #'E#FC/$ >(2'
>7'3351#
D'G ' 7.4(4,9'0'2'<.:2'1' .4573' 56E'1' <.1<571'1-'>0.6$255' .'# #'
E# B/$,BL#
&C' ' 5(1'.;'305' 0(E5,# 7# (652' .13(-:5$;.7657,9' (2357'
.;' '8159' .,,5-5$ (647'8-5$>513'>'30'305' 1'I572'39'3.'6553'305' '1-'.1'0'2'
>(9'3.' .18.1$3..?'0'2';(1<9$(18'>(5'6(85' 5(1'.;'305' .9(,' 0(E5,$(;357J
>(782' 5(1'.;' .7<52357$1.>',(35,9'A E7',/B D' '20.E'.;' (30'(18' 5,,2$(18'
'1'/B/B$ '20.E'.;' '1<052357# A 55' .,,'12#D' 5'>(2'58'3.7'.;'305' '1-=2' .7?2$
E:4,'2058''1'/B/B#
-' :6E0759' (9$'E752:65'1'-'=..6'.;'305' 7'I9' 0(6457'1'>0.'0(8'(
-7(13'A B30' .I#/B CD' .;'305'75I572'.1'.;'305' ,57?20'E'.;'305' 3(7<0(6457$(;357
',;' (18' (<.1' >(2'?1'-0358''1' (1:(79$/B/ K/F1' (18'45<(65' (;357>(782'
0(1<5,,.7'.;'305' :<09'.;' (1<(2357$(18'('6(1'.;'<.12'857(4,5''6E.73(1<5# 55'
.72357=2'U ';5'.;' '7' .01' ',.3#=
& '# - ' .01' :77(9'.;'305' '1-=2' 58<0(6457# 55' .'# # .0# '#
0525'30755'>575' 651'E572.1(,,9';('6','(7'>'30'305' '1-$49'>0.25'05,E' (<.1'
0.E58'3.'.43('1'.EE.73:1'3'52'.;'<.1I572(3'.1'>'QT0'0'6#

533'1-' 8.>1' (18' ;'1'20'1-#69' 7-:6U .;' 305' E.231(3'[(18' b;# $4#a#
E!#2513'7'-' '3' 3.' 9^# '"' 69' # .;' (,24:79# #
'2E572'1-'9^ (7-:6*' (18' 305' '2E5(5052' (2' '1'.15'4..?' (6.1-23'
305' <.# 651' (18' 1(65,9' 305' # ;'I9W 305' 8I.<# 7(-':2#c
5'1-'E!E(758' '1$9^' 6 (3357' .;' E7.0'4'<'.12W E:33'1-' '1' (' <,(965' .35#$
;.7' 305' #'"' 305' H'15<522'3'527' 39 6 5' (2'.;'>(775'"' E,(<5' (2' ;7.1K'
3'5752' 756.35' E572.1' (2' E..75' 30(3' 0(I5' 1.' 65(12' 3.' 2:5',.1-534' 3.'
30.25' 30(3' <.65' '1' 49' 2(;5' <.18:535Q' (3357$' 6 'G3' >**NE7!!!3'I5#
23(35' :8-52' 3.' <.12:,3' # (2' >5,,' (2' 9^' ' :8-52" 05';.:1K'
:22>5,,' .,,'<#'1'9^'<(25'.;'305'8:<09'<.1<:7758'1.3#@:#.;'7:QQ5'
6(?'1-':25'.;'69' #.;' (13$.EE.2'3#3.'9^#,(#'1'E.913'
75;.77(91-'305' (>52$' (18'Q8'2E7'M# 6575' (>9572# (75
.'E!E(75'59305' <.,,5<3$.7' (3',523' (8I'25'3.><0'1-'305'5@:(,,'1-'
.;' (>52#
56#3.' (8I'25'305' #1.3'3.' <(,,' 57-U^45;.75' E(7,(7(*$4:3'3.'
#?55E'305',(>9572'1' (>5#

9 J': ' ' ,' ..' '3#(18' 7.;# .702$''# E# BFL# 0'2' >0.,5' 'u.3.'
2'<7.2258'.:3#
[% ' (65,9'305'2E55<052'.1'-5157(,'1(3:7(,'M(3'.1$ (18'.1':1'.1'
.;',(>3;#
'5'F*:' '7*%'" ' 1'305','23'.;' .66'22'.1572';.7'305' 1'.1'
U.1'305'E(73'.;' <.3,(18'305'1(652'.<<''7'.;'N' ,5G(1857$ .78' 'I'5$ 752'8513'.;'
305' .:125,0'.;' <.3,(18$P' (18' N' '7' 0.6(2' 7('-$.;' 7'3.0'2,(18$ 1'-03!
X (>957#P' 18'30525'(75'1.'8.:43'305'E572.12'(,,:858'3.#
.78' '79'>(2'25,5<358$(,.1-'>'30' .78' 7(10.:6'A # 5<',D$3.'E75E(75'('
E75;(<5';.7'305'1237:6513'.;':1'.1$'305'4.89'.;'>0'<0'>(2'3.'45'E:3'13.';.76'49'
(<.1'(18' (6',3.1#
'7' 0.6(2' 7('-'>(2'(1'.,8'(18'8'23'1-:'2058' <.3<0',(>957$(:30.7'.;'('
,5(7158'>.72'.1'305' 5:8(,' (>$'(18'.;'375(3'252'A:1E:4,'20580'.1'305'2:<<52J
2'.1'3.'305'307.15$.1'305':1'.1'.;'305'?'1-8.62$(18'.1'0.6(-5# 5'>(2'(3'
30'2'3'65' 8I.<(35'.;'305' 0:7<0'.;' <.3,(18#
,'525'3>.$30575;.75$>575'.41'.:2,9'305',?5,'523'651'3.'3:71'N'305'(7-:6513'
(18'305'3>.'2E55<052'P' A<.1<571'1-'>0'<0'255'<0(E#'# YC'.;'30'2'I.,:65$(18'
<0(E#I'"'# YY'B'(18' '.;'I.,#'"'#0' '13.'(<<.:13'(6.1-'305' <.3<0651#!' :3' '7'
0.6(2' 7('-'8'58'1'305';.,,.>'1-' 547:(79$45'1-'.157'25I5139'95(72'.;'(-5#
AU 1-,'20' 9<,.E<58'(#=D
(' '5 9- ' 05' N'6(3357'.;' 7.0'4'3'.12'P'>(2'3,'5'8'2E:35'(2'3.'
Q:7'28'<3'.1'453>551'305'<.:732'(3' 523 6'12357'(18'305'E7.I'1<'(,'<.:732'1' (,52'
(18'305' .730'.;'>0'<0' '0(15',75(89'2('8'2.6530'1-'AI.,#'"'#<0(E#'G# Y D'1'
<.115G'.1'>'30'305'87(;3'N' 7.<,(6(3'.1'3.:<0'1-'305' (7<052' (18'(';:.,' #
(<<.:13'>',,'45';.:18''1' 7$ 5(30=2'E75;(<5'3.' (<.1=2',5-(,'(7-:6513'.1'305'
2:405<3# 05'N'<,('6'P'3.'45'E:3'1'N';.7'305' '1-'P'>(2'1'305''1357523';'-(156K'
6513\305']15<522'39';.;'('75;5751<5'3.' 5236'12357':E.1'51579'E.'13'.;',3'-(3'.1'
45'1-'1<.1151'513';.7'305'2:405<3'1'E,(<52'2.';(7'756.35$.>'1-'3.' 85,(9'(18'
5GE5125# 1'2:<0'('8'2E:35'305' 7<04'20.E'.;' (13574:79'1(3:7(,,9'3..?'E(73'
>'30'305' 7.>1W (18'3'.<<:72'3.' (<.1'49'305'>(9'30(3'305'0:6.:7'.;'N'.EE.2'J
3'.1'3.'305',(179572P'13.';>0'<0'3'47.:-03'0'6'6'-03'E570(E2'4.'>.7?58':E.1'2.'
(23.'-'150'6'(1'1357523'1'30(3'75;.76'.;'305',(>'>0'<0'05'>(1358'3.'47'1-'(4.:3$
(18'N'8'2E7'M'1-'6575',(>9572$P'>0.'>575'305'1(3:7(,'.423(<,52'1'305'>(9'.;''3#
0 '5 9 K' 0(3'2$756.I'1-'305'8'2<75E(1<'52'453>551'305',(>2'.A
1-,(18'(18'<.3,(18$E75E(7(3.79'3.'('E57;5<3':1'.1#5('!'75E(7(3'.1';.7'305'[
1'.1'.;'(>2$P'3#(18'7.;# .7?2$''# E# C L#
' 9' 0(3'2$3.'?55E'3056'1*5GE5<3(3'.1'.;'E7.6.3'.1$(18'1';5(7'.;';.7J
;5'3'1-''3#

3576 5' (18' 3 .' 2E# 69' # .;' (,24 : 79' .;' F' 7523'3 : <' . 12# . 35' (18' <.18*'
6 . 19' 3 .' 9^' <: 1379# '" 93052' . > 3' .;' E(7'2052' 3 .' 9^' 0 : 7<0\\
;';35513052',5I958' .;' . > 152' 5G<5E358' 3 .' 9^' . > 152#
. 35' 9^' <. 1<593' 30 (3' 0 (30' 4551' E : 33' '13 .' 9^' 2?05 (8$ 30 (3' E : 7' J
3 (12' (75' 6 . 23' ;. 7' 305' : 1' . 1' (18' 305' $' (- ('123' '3#
(,2$,. I530' 1 . 3' 3 .' 0 (I5' 305' !^' '1;. 7658' .;' (19' - . . 8' (, 5<3' .'
'1' 9^' E5. E# 3 .' 9^' <# 1 (3#

<0(7-52$P' (';';30' E(73# 9' 304' ''3' > (2' 523' 6 (358' 30 (3' 305' '1 -=2' 75I51 : 52' > . : ,8' 05'
'1<75 (2588' > '30 . : 3' (19' <0 (7-5$ 49' _/ ' ('95 (7' 1' 30 (3' N' 305' 37 (I5,,'1 -' 2 : 405<3' .;' (,,'
2. 732$ (2' 1 . 4,56 51$ Q : 8 - 52$,(>9572$ - 513,56 51$,'151K6 51$ > . . ,,51K6 51$ 0 (78 > (75K'
6 51$ (18' <(77'572$ > 0 .' (75' 305' : E0 . ,8572' .;' (,,' 37 (852' > '3,''1' 30'2' ,(18$ > . : ,8' '1'
305''7' 37 (I5, 45' 6 : <0' 5(258$ (18' 3057549' > (752' 6 '-03' 45' 2 . ,8' '1' 305' <. : 1379' 305'
<05(E57' 30 (3' 305' : 25' .;' 305' <. 6 6 . 1' 65 (2' : 5' .;' 305',(18' > . : ,8' 45' 51; . 7<58'!
>0',5' 305' '110 . . ,857' (18' . 23,57' > . : ,8' 23',,' 75<5' I5' N' 351' 3' 652' 6 . 75' 30 (1' . I57' (19'
,(>' 05753 . ; . 75' (,,. > 58' 3056 #P
' 8 .' 1 . 3' ;' 18' 30 (3' 30'2' 2 : '3' > (2' -7 (1358$ 4 : 3' 30 (3' '3' > (2' : 1857' <. 12' 857 (3' . 1' (3'
30'2' I579' 3' 65' '2' E7. I58' 49' 305' 518 . 7256513' . ;' 305' E (E57' A .8 - 5$ '''# E# FBD$;7. 6'
>,''<0' '0 (I5' 5G37 (<358' 30525' E (73'<: ,(72$ \ N' <. E9' . ;' 30 (3' > 0'<0' 305' '1 -=2' (J
Q5239' '2' 3 . ' 4 .' 6 . I58' 3 .' 2'-1' 3 . : <0'1-' . (32# : ,9$ / B ' #P' 3' '2' '1' 305' ; . 76' . ;' ('
> (77 (13' ; . 7' (' (3513' : 1857' 305' 75 (3' 5(,$ (18' 305' 518 . 7256513' '2' 2 ('8' 3 .' 45' '1'
305' 0 (18' . ;' 305' (7,' . ;' 075>24 : 79# 0 (3' (<. 1' 0 (8' 3 .' 2 (9' 3 .' (,'24 : 79' (4 . : 3'
;3$ (18' '1' > 0 (3' 20 (E5' '3' > (2' 3 .' <. 65' 45; . 75' 305' Q : 8 - 52' 305' 15G3' 3576 $' ' 8 .' 1 . 3'
?1 . ># 5' 20 (,,' 255' (',' 33,5' ; : 73057' . 1' 30 (3' 3 .' N' 45 (3' 8 . > 1' : 1; '3' 2 : '32' > '30', (>' P'
> (2' . 15' . ;' 305' 8 : 3' 52' . ;' (1' 33 . 7159K 5157 (,' '1' > 0' <0' 05' ; . : 18' '7' 5179' . 4 (73'
>5 (?' . 7' 15 -,'-513# 18' 30' 2' 6 (9' 0 (I5' 4551' . 15' . ;' 3056 #
0' 2' 1 . 35' (18' 305' 15G3' (75' <7 . 2258' . : 3#
" ' ' % L' - ' 55' # # . 6 # (652' #$' I . ,# I# .# C/$;7. 6' X>0' <0' '3'
(EE5 (72' 30 (3' <. 6 E, ('13' 0 (8' 4551' 6 (85' . ;' 305' 6 '2 (EE7. E7' (3' . 1' . ;' <. (3' (18' <. 1J
8 : <3' 6 . 159' E ('8' '1' 305',(35' % : 551-2' 3' 65' ' > 0' <0' 305' 5E : 39K '5 : 351 (132' . ;' <573 ('1'
<. : 13' 52' '1' (,52' E7. ;52258' K3 . ' 0 (I5' 5GE51858' '1' 8';,57513' > (92' ; . 7' 305' 4515;'3' . ;'
305' <. : 139#
N' . (3' (18' <. 18 : <3' 6 . 159' P' > (2' 6 . 159' (2252258' : E . 1' 305' 0 : 187582' ; . 7' 305'
. : 3;'3' . ;' 305',51' 52' 3059' 0 (8' 3 .' E7. I '85$ (18' 305' 5GE51252' . ;' <. 18 : <3' 1 -' 3056' 3 .'
305' E, (<5' . ;' 75185MI . : 2' . 7' 564 (7? (3' . 1# 1' 305' / 30' . ;' <3 . 457$ / B C$,533572'
>575' 2513' ;7. 6' 305' . : 1<',' 3 .' 305' . 78' '5 : 351 (132$ 53<#$ N ; . 7' 305' 2518' 1 -' . ;' B '
2 . ,8' 572' '13 .' 75, (18$ X180 (762' (18' (EE (75,' 3 .' 45' E7. I '858' 49' 305' <. : 1379$ 3, '5'
<. 18 : <3' 6 . 159' (;357' 305' 7 (35' . ;' ^' (' 8 (9' ; . 7' 5 (<0' 6 (1$ B#' ; . 7' 305' <. 18 : <3 . 7$ (18'
H*' ; . 7' (' <. (3$ 3 .' 45' (,,. > 58' : E . 1' <573' ; '<(35' . : 3' . ;' 305' G<05@ : 57#P' 55' Ú 4237 (<32'
. ;' 305' 5-' 23572' . ;' 305' 7' I9' . : 1<',$ / K/B / $+ 88# # 7' 3# : 2# / /$H #
55' (,2 .' Ú 57159' (E572+ A (68# .<#Ð EE# / / $ / C#
& ' *- ' ' 9 ' 4% ' 9' F ' ,'M# 5# /F$ 305' 2 : 42' 8' 52' 3057549'
-7 (1358' > 575' 3 .' 4 .' ,51' 58' N' (2' > 5,' > '30' 1' 305' ,'4573' 52$ 53<#$ (18' . 3057' K > 0 (3J
2. 5157' E, (<52$ 5G56 E3' . 7' 1 . 3' 5G56 E3$ (2' > '30 . : 3$P' (19' -7 (13$ 53<#$ 3 .' 305' < . 137 (79'
1 . 3 > '3023 (18' 1 -' Ú 4 : 3' > '30' (1' 5GE7522' E7. I '2 .' 30 (3' (,,' 2 : <0' 5G56 E3' . 12' 20 . : ,8'
0 . ,8' - . . 8' '1' ; : 3 : 75# A 55' 3 (3# . ;' 305' 5(,6$ ' I# EE# C/$ Ð' ';(1<9' 30 (3' 305'
<. 66 '22' . 1572' ;. 7' 2 : 425@ : 513' 2 : 42' 8' 52$; . ,,. > '1 -' 305' ,(23' E75<58513' (18' 1 . 3'
75656457' 1 -' 305' E7. I '2 . $ 0 (8' <. 13' 1 : 58' 3 .' ,519' 305' ;'' ;3551302' : E . 1' 2 . 65' . ;' 305'
3 . > 12' 30 (3' 0 . 8' (' 7' - 03' . ;' 5G56 E3' . 1#
' '<(11 . 3' - : 522' > 0 (3' 30'2' > . 78' '2' 65 (13' ; . 7$: 1,522' '3' 4 .' N' . (782' P \ 30 (3'
'2# . : 1<',' . (782# . 7' 8 .' / : 185723 (18' > 09' (,'24 : '9' 20 . : ,8' 0 (I5' 8' 2,'?58' N 3 .'
0 (I5' 305' . (782' '1; . 7658' . ;' (19' - . . 8' (';5<3' . 1' '1' 305' E5. E,5' 3 .' 305' <. 33' 20' 1 (J
3' . 1' : 1,522' 0 .' 30 . : - 03' '3' 6' - 03' < . 1; '76' 305' '1 -' '1' 305' 1 . 3' . 1' 30 (3' 305' : 7' K

2.13V' 2(/' 4 2W'G ' $' && '&10+2+1$,,' C(.*3' '%=$ 4 %3$' 4 $' 1(&' %-*$'&(' +13./$'&'$' $1=0'G (C' 0X' ,%/1,',2%8$3;K 4(,&')%/4$,' $/$2&$3' +1' 40' 8N2+12QG' .,,0'R' %/1$'R' ? '+&2'2(&&'R' ,F$C' ' &'$0'*$)&' 4$'%13' C$1&'&(' 0X' && ' '&((F$'-%13')(/' 2(1&01.A' %12$'%,' C$**'%,')(/'/$,&+&.2+Y1

(' &.&1' (=$/' -0' +13$1&,' 0X' ,'$=+3$12$'+1' 40' '%13,' &'+,' =%2%2' ^)' " Q C&'' 0$' 8/+=+&0' ()' ;' '%12$**(/

(' +1,+1.%&$' 4(/$'&(' 40' ' /$%,(/' %13' '%12')(/' C%+5/HX' /' && ' 6/$%&' %=%+*$,' ' (*.,' J .&*%C/+$,;' 2(1)$,,+(1,;' E.(' C%//%1&($,' %&01$' 1)(/4%2+(1,' $2(.=$/0$,

(' /$4$4-$/' &'$' !' -((F$'()' 0X' 81&/%2&(/,' J (8801' J '+*A' *+88$,' ? %&,(1' Z2

(' &%F$'%'1(&$' '(C' 4%10'-((F$,'(+8' 8%,,$'%&' $=$/0' ,+&&+16;' 0[' 4%0',$$' '(C' '%4'.,$3'%13'2'%*$16' '+4;

\.' ? ' 8+**$/' -/+16' 1(' /$].,HX'*$%,$,'&(' 0X' &&./10

'%&' %,' 4%10'*$%,$,' +1' $=$/,+(1'%,' 8%,,$' &'$' 6/$%&' ,$%*$' -$' -/(.6'&' -0' ? (**0'&(' 40',$*)'(/' 0X' &&./10

.,,(182'2:35'(18'2E5(?'1-' >*** F011$/'(4.:3' '3#

.&&+16' 40' ' ()' %*,-' +1' 4013' ()' '+,' 8/(4+,$'&(C2'+16' -.+*3A' +16$,'%13'&'$/$.8(' /$1.+16' (**,',.&$

'1357E753' 305' >.7<;' N' '6E:3#P' ' 0(8' 6925,;' 75(8' '3' ,' (18' 3(?51' '3' 3.' 45' 20.73';.7' N' '6E.73(1<5' ;7.6' >0'<0' ' '1;57758' 30(3' (<.1' >(2' 1.3' 8'2E.258' 3.' 51<.:7(-5' 305' E7.<558'1-2' '1' 30'2' 6 (33571' 30.:-0'05' 0(8' (,>(92' 4551';.7' 8'2<.:K' 7(-'1-' 51<,.2:752$ (18' 30'2' (EE5(72' 3.' 0(15' 4551' 305' .4Q5<3' .;' 305' -.I5716513#

' " % ' '7' :,':2' (Q2(7$ 0(1<5,,.7' .;' 305' G<05@:57# 0'2' (18' 305' 3>.';.,,.>'1-'1.352' (75'<7.2258' .:3' '1' 305'

" - ' O ' '7' 5.7-5' .EE'1' (18' '7' 0.6(2' (32.1' >.75' (6.1-' 305'<.137(<3.72';.7' 305' 2(,5' .;'<573('1' E(72.1(-52$ 3'3052$ 53<#$ 1.3'<.6E7'258' '1' 0'2' (Q5239=2' 513(',' A # #$' .I# $' /B CD# 7(1<'2' 0',,'E2' 0(8' (' -7(13' (3' 305'7' 1.6'1(3'.1'.;'8'I572'75<3.7'52$ 53<# A .# H30' (9$ /B #D

3 ' ',,'(6' 9EE57$ >0.' 0(8' (' <.66'22'.1';7.6' ,'M(4530' 3.' 8'2<.I57' 30(' 3'3,52' .;' 7.>1',(182' A # # .6K' (652' #$' 5E3# /B FD$ (18' (EE5(72' 3.' 0(15' 4551' 56E,.958' 49' 305' '1-' '1' 305' 2(65'<(E(<'39' A .# H30' 5E3# /B B$ (18' C30' E# /B D# 3' >(2' 0'2' 4:2'1522$ ' 2:EE.25$ 3.' 8'2<.I57' (18' 75E.73<(252';.7' E7.25<:3'.1# 0525' >.:,8' 0(15' 3.' E(22' 307.:-0' 305' 0(182' .;' .15' .;' 30.',(>K.;;'<572$ (18' 305' E7.;'32' .;' 305' 25157(,' .;;'<52' >.:,8' 85E518' :E.1' 305' 1:6457' 47.:-03' 3.' 5(<0# (<.1' 25562' 3.' 0(15' 2:2E5<358' 30(3' 305' 33.7159K 515'1,'51-7.2258' 6.75' 30(1'[0'2';('7' 20(75# $

5179' E',,57$' .;' 305' G<05@:57$ >0.25' <573';'<(35' >(2' 75@:'758' 45J ;.75' (19' -7(132' .;' 75<:2(132=;'152' >575' E(2258' A # # # .71#$ <3# F $/B C'1' 255' (,2.' 5<# L$/B FD$' .;' 305' 37:5'23(35' .;' 305' 75<:2(132#

O -' 570(E2' '7 (1<'2' .,,59$,57?' .;' 305' 'E5' .;' 305' G<05@:57$ >,6' (EE5(72' 3.' 0(15' 0(8' 305' 87(>'1-' .;' -7(132' .;',(182' .7;5'358' 3.' 305' 7.>1# A # # # .6# / ' .I# /B $ (18' F 5E3# /B C#D

B- ' 7.4(4,9' '7' '1<513' ?'1157$' .;;'<57' .;' 3,'.' 75<5'E32' .;' 30.' GJ <05@:57# A 97(57$ G9'# E# HLC#D

;'N .,,(18=2 2:'3$P' .7']9.# 'E#=≤ b9.:1-' 'EE57=2ja' 6513'.158' '1' 305' 15G3' E(7(-7(EO' A>0'<0$'3.-53057'>'30' 305' .15' >0'<0';.,,.>2$ '2' <7.2258' .:3' '1' 305' #D$ ' 0(15'1.3'4551' .,2,53.';'18' (19' E(73'<:,(72#

('-$ 8H 8%/$3)(/ 5 %,(1,'2%..,$ %& $/6 N 1 1$@& $/4
(' 4%F$.,$)(/ 2(**$2&+(1,' %13 *((F+16 (=$/ &'$ -((F$,' ()
? /0&+16&(1; %=01 ' 0** ' E.
(/ 8,+3NH %13 %1&+E.+&+$,' &(' %2E.%+1& 4 0 ,$*)'%13 &%F$ 2(**$27 E5<#
&+(1,')/(4 ' (- ' (&&(1'G (C0$%/ /F#
(' &%F$ ' ' (1$,')(/ 4 0 -.,+1$,,$ %13 (**+2 ' +1,&$%3 ()' /
(1$,
(',$&& %1 (/3$/ +1 **$1,' 2%..,$ %6%+1,& 0X /$%3+16 -0 '%4 -$/A
*%+1$ $/%/3 (/ ,(4$ (&'$/
(' 6+=$ 2F*$&(1 ,%&+,)%2&+(1 () N +1 /%(10;' -02%..,$ ' ,%C$
'+,'2(C/,$ C%,')(/ (C/& %13 1(& &'$ 8*%2$ ()'% *$/F
(' '%=$ %1 $0 &(' 0X *%,& 2(1=$0%12$)(/ 4 0 C0=$,' (+1&./$;'
&(',$13 &'$ 3$$3 &(' ' ' /(6/ ' %13 &(',$$ '(C +& /$%2 '$&'' E5<#
&('&'$ C((3 C3H ' '%3 ()'8$4 -$/&(1 /F#
(' 4((=$ 4 0 ')(/ &'$.,& /(& '0) /(6/ ' 30$;' $@2$8& 7.9 'S ' b;# $3#a
()' %*,-' C+** '%=$ +&

3 ' ' : ' 0'2 1.35 '2 <7.2258 .:3 '1 # *
O - ' 7.4(4,9 305 E572.1 >0.6 (<.1 75<.6651858 A ' :,9$ /B/B
;.7 305 .,'<'3.7=2 E,(<5 '1 75,(18$ (2 N (' -513,56(1 .;' 6 '15 .>1 47558'1-' (18
;7(6'1-$ 7# 8>(78 9730'1-3.1$.;' 7(9=2 11 T 05 '2 4.71 3.' (' 95(7$ 05
'2 305 5,8523 2.1 .;'(' 6.23 25I575Q:23'557 (6.1-' 305 75<:2(132 '1 (1<(20'75$ (18 ('
6(1 6.23 (4,5 ;.7 ,(>' (18 2E55<0$ (18 49 65 37('158 '1 305 '1-=2 <(:252# 9
.78 5E:39$ 49 69 852<7'E3'.1$ '2 6:<0 '1 ,..I5 >'30 305 6(1#P 5 6(9 0(I5
4551 305 2(65 8>(78 7'-03'1-3.1 >0.' A # # .6# (652 #$ H 5E3#/B HD
>(2.1<5 ,57? .;'305 (782#
) ' 0575 >(2 (' ',,'(6 ',,$:8'3.7 .;' 305 G<05@:57 A # # .6#$
/ (9$ /B FD$ (18 (' .4573 ' $,57? .;' 22'-16 5132 A8.# ' .I # /B LD#
9- ' .4573 .>957 >(2 ,57? (18 55E57 .;' 305 .,,2 .;' 0(1<579$ (18
(,' .3057 75<.782 (18 7.,,2 '1 305 .>57# 0575 '2 (',53357 3.' 0'6 ;7.6 (<.1 '1
305 1157 56E,5 '47(79$ (2?'1-' ;.7 305 ,.(1 .;'(<.E9 .;'<573('1 <.,,5<3'.12 <.1J
<571'1-' 305 '1-=2 '>57.-(3'I5$ 53<# 3 '2 8(358 C 54# /B KF$ (18 >',' (EE5(7
'1 '32 E,(<5#
7 : '% ' .:,8 30'2 45 305 <(:25 453>551 .01 (7?57 (18 0.6(2
,,51$ 30:2 852<7'458 '1 305 (,518(7 .;' 3(35 (E572 A .6# (652 #$ /B/ j$
'B CD W \ N 05 ,(3357 0(I'1-' E7.6'258 3.' 75E(9 (' ,.(1 .;' H (18 6(85 3.' 0'6'
Z9 305 ;.7657$49 -'I'1-' ''6 .15 -7('1 .;'>05(3 ;.7 305 ;'723 .;'305 FB 4:33.1 0.,52
.1 0'2 8.:4,53 (18 8.:4 1-' 305 (6.:13 ;.7 5(<0 .;' 305 .30572$ 305 3.3(,' '2
;.:18 3.' (6.:13 3.' FB$C '@:(73572 .;'>05(3$ (-('123 305 E(9651 3 .;'>0'<0 51
756.1237(352#P
" D ' 570(E2 ,'.6(2 ,'(6057,('1$ 57-5(13K(3K (>$ (;357>(782
:8-5' .;' 305 .:73 .;' 522'.1 .;' 305 .:139 (,(3'15 .;' 052357# A # # .6#
(2# #$ ' E# /B/B#D
3 ' * ' M%B !' 53<# 0'2 1.35 '2 <7.2258 .:3# ' 8.' 1.3 <,5(7,9 :185723(18
305 37(12(<3'.1#
:'& ' ' '7 # .,'1 7.-7(I.$ 33.7159 .;' 305 :<09 .;' (1<(235705
>(2 75<.6651858 49 # 55E57 :<?57'1-' ;.7 E75;576513 >051 305 ,(>' .;;'<52
>575 2.' ,.1-' I(<(13 '1 / L ' A255 I.,# '# E# CD$ (18 8'58 '1 /B/F# A 0(6457,('1 3.'
(7,53.1$ /H <3# /B/F#D$
" ' ' P ' " ' 1 A2(92 .>5,,D N '2 05 30(3 0(30 <:23.89 .;'305
.,,2 .7 75<.782 .;' 305 2522'.12 .;' 305 5(<5$ (18 A(2 2.65 30'1?D .;' 305 .66 '2J
2'.1 .;' 305 5(<5 '325,;#P
# # #

E5<# /F# (' /1C' %13' 8%/)+&$' (/3$/,')(/' 4 0' ,$/=%1&,' %,' & '+16,' 1(C' ,&%13

8$2 (' -$' & '/(.6'*0' ,$$1' %13' +1)(/4$3' &(C2'+16' 4 0' ())' ()' 0X &%//$2'%4-$/' & '%&' ' 4%0' D.,&' %22(.1&,' %13' 0X,.-D$2&' -$' C$*#' .,$3,' %13' 0X (C/&')013' %1' %*&$/%2+Y1' &(' 0X -$&&$/

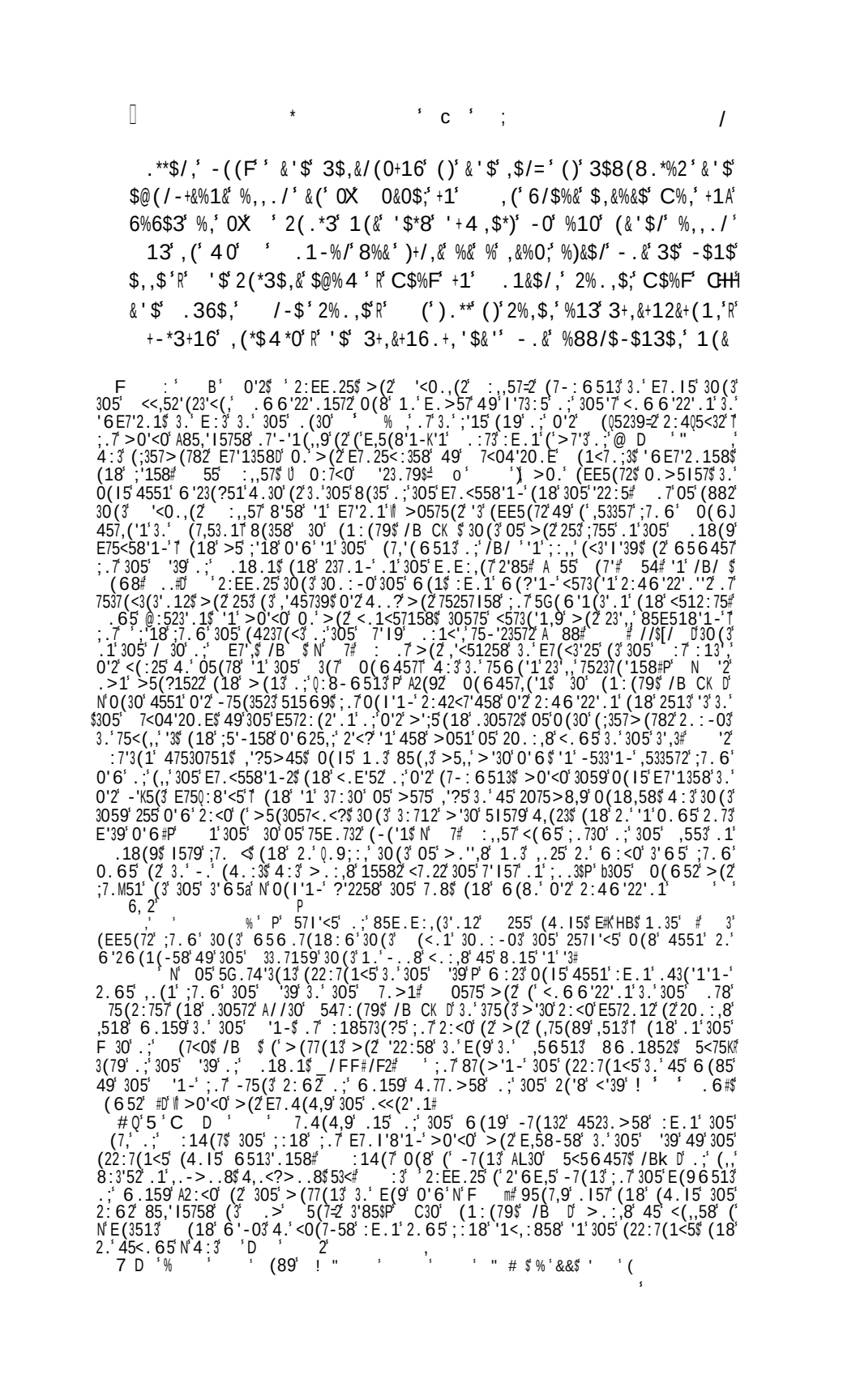
(' ,$&&' 3(C1' +1' C/0&+16' &%-*$,' %13' 3+/$2&+(1,')(/' & '$' +1)$/+(/' 8*%2$,,' ,(4$'8.-*+F$' ,(4$'8/+=%&$

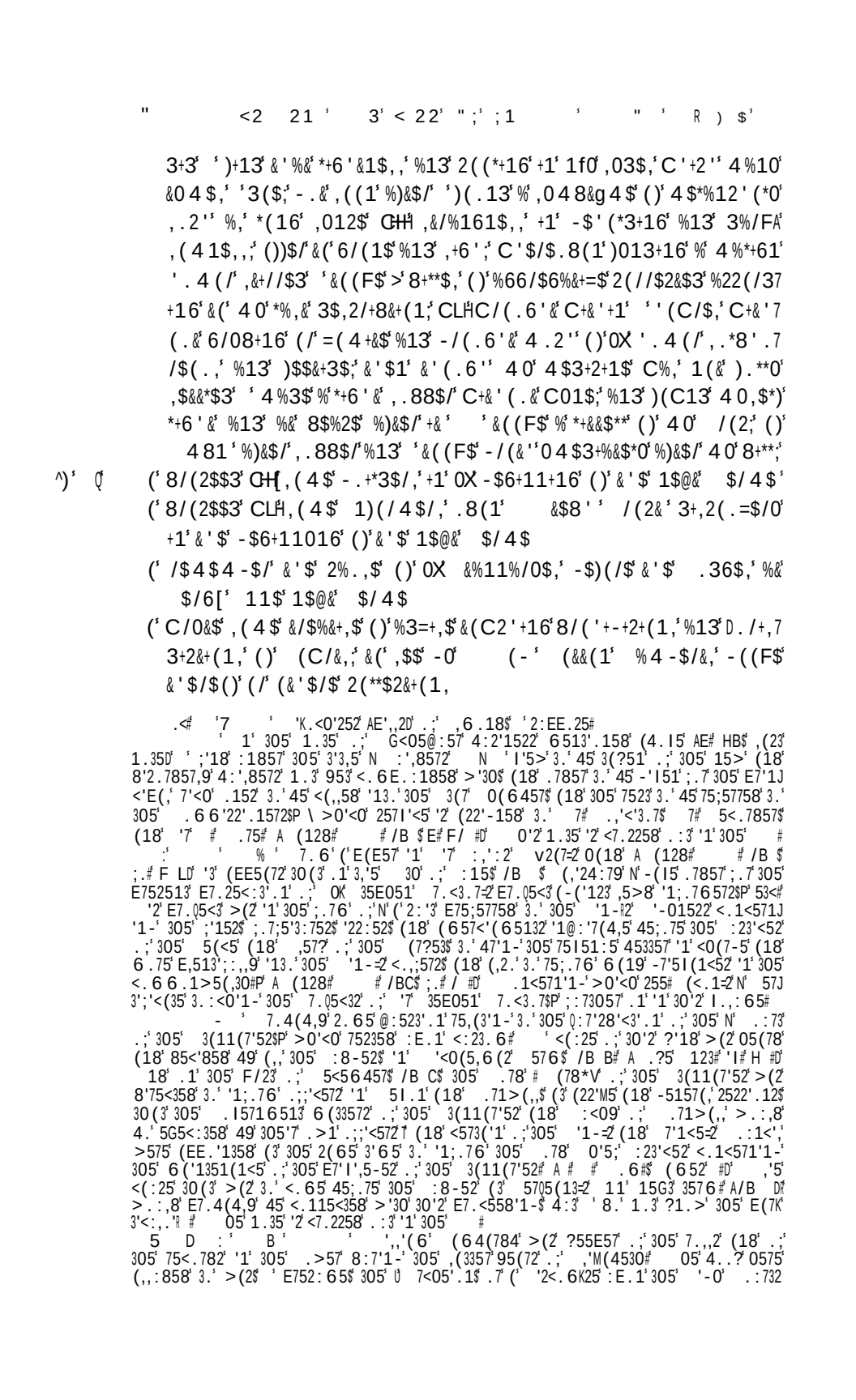
(' 8/(2./$' ()' 40' ' ' & '$' $,&%-*+,' 4H' ()' ,(4$'3(.&).**' -.&' /$%,(1%-*$')$$,,' %13' 0X %*&$/%2+Y1' ()' ,(4$'2(C/,$,' ()' '+,' C'+2'' '013$/' & '$' (C/&,' %,' 2%,&+16' (C&' 8$/D./+$,,' & '$' (/3$/,')(/' *$16& '' ()' -+**,' $&2

(' -/+16' +1' .,(' $=$/0' $/4' &(' '%=$' ,(4$C[' &(' 4((=$'2(12$/1A' 016',$/=+2$' ()' 0X ,' %&' %)&$/' 3011$/

^)' Q (' 2(//$,8(13' &(' %' +1' & '$' 1=$1&,' ()',.&$,' %13' *$=0$,' ()' 4(10' %13' &(' /$,8' 8(**' b' 6$4 ')(/' $48' 2()' %13' %*+$1,' ()' 0X 8$(8' (' '%=$' +1' 4013' %13' .,$' 0X && ' C$%F1,X ' '$' $@%4,' ()

-' ,' -P % D ' 9',;;'<5' .;' ,57?' .;' 305' .:1<',' $.;' 305' 3(7K' <0(6457' \# N' (1' .;;'<5$P' (92' .?5$ N' .;'-7.(3'(<<.:13'(18'37:23†',.7'0.'2 3.'75<5'I5$' 518.725$' 51357$' ?55E$' (18' <573';9' 3,'5' 4',,2$' E,5(8'1-2$' 75<.782$'.78572$'7:,52$' 251J' 351<52$' (18' 85<7552' .;'305' .:73†' (18' ' ;'18'30(3' '1';.7657'3'652' 651' .;'-75(3'(<J' <.:13'0(I5'0(8'30(3'.;;'<5' '1' 30'2' .:73#P' A 123'3:352$' E(73' 'I# <0(E#' I# E#' BB#D' N' ;',(3357'3'652'P' A2(92' :82.1$'1'0'2' Ù 75(3'25'.;'305' .:73'.;' 3(7<0(64.7'=Ù' N'305',57?'.;'305' .:73'8.30'(EE.'13' (,2.'305' 4 ',3.'3(?5'(,2.'305'5G(6'J' 1(3'.12' .;' (,,' 305' 85;518(132' (18' (,,'305'>'3152252' >0'<0' (75'5G(6'158''1'30(3' .:7 3 4:3'305'(EE.'136513' 45,.1-58$'05'2(92$'.7'-'1(,,9' (18' E7.E57,9'3.'305' .78' 0(1<5,,.7$' (18' .:-03'3.' 45' 7523.758'3.'0'6$' N';.7'30(3''3','530''1'305'E.>57' .;'305'5G(6'157'3.'(<@:'3'305'.:;51857' (18'<.1856 1'305''11.<513† 95(' (18'3.'E57J' E,5G' 305' .:73' 49':1<573('1' 3523'6.1'52$'.7'3'75'3,'56'>'30';7'I.,.:2'8'2<.:725$';' 30(3'.;;'<57'45'5'3057'<.71'E3'.7''-1.7(13#P' N' 05' 251351<52$' 85<7552$' (18' (<32' .;' 30'2' .:73' (75'51-7.2258'P' A2(92' .?5$' 123#' E3#' +=' <#' E#' BF0' '1' (';('7'4..?$'>'30'305'1(652'.;'305' .782' (18'.30572'.;' 305' '1-=2' .:1<',' (18' :23'<52'30(3'>575'E752513' (18'-(I5'305''7'I.'<52#P' 18' 30'2$' '2:EE.25'>(2'305'N'4..?.';'305' (51857' .;' 78572'P'>0'<0'>(2'85,'I5758' 3.' (<.1'.1'305'/L30'.;' :-:23$'/B 'A -573.1' (E572$' (68#' .<#' E#' H D$' (18' (EE5(72'3.'0(I5'4551'3051'<.6E,535';7.6'305'45-'11'1-'.;' 5179' #=2'75'-1'3.' 305'F 30'.;' ,'M(4530#' 3 'D -' ,'53<#' 0'2'1.35''2'<7.2258'.:3# 3 '% ' ' '#' ' '-L' (,'24:79$'45'1-'1.>' .78' 75(K' X2:757$'0(8'305'8';;'<:,3'3(2?',('8' :E.1'0'6' .;'-(3057'1-'6.159'51.:-0'13.'305' G<05@:57'.7'305' '1-=2' 15582#' 15'752.:7<5';.7'3,''2'>(2'N'305'1I513'.1'.;' 2:'32$'P \30('3''2'A';' ':185723(18''3'7'-03,90'.;'.;;'<52';3c7'305'8'2<.I579'(18'75<.J' I579'.;'6.159'8:5'3.'305' 7.>1'.7'305'7'-03'.;'75<5'I'1-'>0'<0'3.'0'2'.>1':25' 305'8'2<.I5757'E('8'305' 7.>1'('7513#' '<.12'857(4,5'75I51:5'>(2'857'I58' ;7.6' 30525'75132'†4:3'305'E572.1(,''1357523'>0'<0'305'.;;'<57'0(8''1'0'2'>.7?$'30.:-0''3' 6(85'0'6'(<3'I5$'>(2'(E3'3.'6(?5'0'6'-7(2E'1-'(18'I5G(3'.:2$'(18'2.'3.'<75(35' E.E:,(7'8'2<.13513#' 3' >82' 15<522(79' 30575;.75''1'30525'N2:'32'(18',5I'52',.;' 6.159'P'3.'75656457'(18'(I.'8'30(3'8(1-57$'(18'N'3.'752E5<3'E.,'<9' ' ;.7'75E,51'20'1-'N'56E39'<.;;572'P'.1'305'.15'2'85$'(18';.7'(I.'8'1-'N',('51(3'.1'.;' 305'E5.E,5'P'.1'305'. '5'#' 9*'7 ' ;7' 5179' .4(73$'>0.'4(8'2:<<55858'3.'305' .;;'<5' .;' 33.7159K 515J' 7(,' .1'305'E7.6.3'.1'.;' .?5'3.',' ' 51<0''1' ;,9$'/B B#' ;'305' -5157(,$@:52J' 3'.1'2:--52358'49'30'2'1.35' '0(I5'2E.?51';:,,9''1'69'637.8:53.79'756(7?2$'E#'FH#





' *j ' ' \ ' k ' ' R + $'

(')+1+, '' 4 0' %22(. 1&' C+&'' 0X' $@$2;' %13' &(' &%F$' &' $' '$*8' ()' ,(4$'
&' %&' 2%1' ,F+** ' *3$/ 4 ' %/1$&&;' E .
(' *$&&' &' $' *%13' (/' ' (. ,$,' ()' 4 0' C0=$,' *0=+16' 1(C' $@8+/$3' . 8(1'
-$,&' 8/()+&$
\ ' ()' 4 %F+16' 8%/&+&+(1' %13' -$+16' C$** +1)(. / 4 $3' +1' +&
(' /$4 ' &' $' %**(C%12$' &(' -$' 2*%0 4 $3')/(4' %/&C/+&$')(/' &' $'
4 (' 0$,G
E5<# (' 6($' (1' CHH#0I' 8/%+,$ 4 [' %13' 3+,&/+- . 2+Y1' ()' 4 0' *$%,$' ()' '$1,A'
/F#)((/&'')/(4' &' $' 1' $/+&%12$
(' 2(1,+3$/' ()' %11$/,' %22(. 1&' %13' C[' /$ 4 %01$&'' -0' 4 $%, . /$'
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2/$%,$' ()' /$1&' 4 %0' -$6011$
(' ,$13' 13$/C((3' +1&(' %4 8, ' 0/$
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8$1,$
b;# L#a (' /$ 4 $ 4 -$/' &' $' %3'=%1&%6$'&(' -$' &%F$1' ()' 8+**$/,' %-%&+16' =%* . $,'
. 8(1' 2$/&+)+2%&$,N' %13' &(' 3+,208 ' $/' '+4' &(' 4 0' ' /$%,' %&'
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8$2 (' /$ 4 $ 4 -$/' &' $' /$1$C+16' ()' 4 0' *$%,$' ()' 4 0' 2 ' %4 -$/,' %13' &' $'
/F# *$%=+16' (C&' &' $' *+ 4 +&%2+Y1
(' /$ 4 $ 4 -$/' &' $' &%F+16' +1' &' $' 6/(C13' -$0(13' 0X' C%** %13' %' *$%,$'
()' &' $' '0&' $/' 8%/&' %13' &(' - . +*3' 4 $' %' '(C,$' &' $/$. 8(1' ,+'
=+3$-+&H
(' +1E . 0/$' ()' &' $' ,&%&$' ()' ** +16&(1,' ' (C,$' %13' &(' 6$&&' +&')(/' %'
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(' +1E . 0/$' ()' %&'' ' (C,$
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(' ' %/F$1' &(' (/1C%**0,' ' (C,$' %&' +6 ' 6%&$
(&$' /$,&(1')(/' 4 (10' %C1,C$/$&'' &(' /(,-0' %13' %/,(1,' -%13

' 55' (4 . I5$' E# HC$' 1 . 35' H# [
" % ' 573'''<(352' . ;' 305' 37 : 5' 23(35' . ;' 5<: 2(132$' E75,' 6 '1(79' 3 . ' 305'
-7(13'1 -' , ;' ;'152#
D - ' ' 9 ' 1' K7(9=2' 11$' E7 . 4(4,9# 3' 6(9' 0(I5' 4551' (3' 30'2' 3' 6 5'
30(3' 05' 45-(1' 305' 4 : ',8'1 -' . ;' > 0(3' 7# (>,59'<(,,2' P' 30(3' 5,5-(13' E',5' . 7' 237 : <3 : 75'
<. 6 6 . 1,9' ?1 . >1' 49' 305' 1(6 5' . ;' 37 '5 ' % P '5 1' A .7?2' # B#D'
0'2' 1 . 35' '2' <7 . 2258' . : 3#
05' 15G3' ;' I5' 1 . 352' A . ;' > 0' <0' 305' 18$' F78$' H30$K(18' 30' (75' <7 . 2258' . : 3D' 75,(35'
(EE(7513,9' 3 . ' 305' <0 . '<5' . ;' (' 0 . : 25' ; . 7' 0'2' . 18 . 1' 8>5,,'1 -$ \ ; . 7' > 0' <0$' 1 . > ' 30(3'
05' >(2' 6(77'58$' 0'2' <0(6 4572' (3' 7(9=2' 11' > . : ,8' 1 . ' , . 1 -57' 2571 5# ' 8 . ' 1 . 3'
?1 . >' (1930'1 -' (4 . : 3' (19' . ;' 305' 0 . : 252' 0575' 6513' . 158$' 4 : 3' ' - (3057' ;7 . 6' (1'
51379' ; : 73057' . 1' 30(3' 05' >(2' , I 6 -' ; . 7' 305' E75251 3' (3' (' E,(<5' <(,,58' : ' > . . 82$
;'=. 6' > 0' <0' 05' (;357>(782' 756 . 158' 3 . ' (30' . : 25$' > 0575157' 30(3' 6 '-03' 45# 55'
;''73057' . 1$' E# F$' ,(23' 1 . 35# [

\ ‘ ()‘ %11016‘ %13‘ 4%&2’‘)(/‘ /+36$&&;‘ &’$/$+1‘ D(01+16‘ E5<#
4+&’;‘ &/0$16‘ C’$&’$/‘ ‘ 4%0‘ .,$‘ ’+,‘ 8./,$‘ (/‘ 2/b3+&b‘ -0‘ B
4$%1,‘()‘ /‘ (1$,
*,(‘&(‘..,$‘ /‘ ?+‘ +3*0‘’0‘ +16,‘-%13‘,‘=+3$-+&N
F ‘ $%&’‘2(4$,‘ &(‘ 0(.16‘ 4$1‘ %13‘ (*3¦4$1‘ 6($‘ &(‘ 3$%&’‘[^)‘<;‘4#a‘
[’%&‘+,‘%**‘&’$‘3+))$/12
(‘,$13‘4$,,%6$‘()‘2(48*$4H‘&(‘40‘ %‘ (/,$&&&’$‘C03(C$‘
‘ /+12$,‘C’$1‘+1‘D.,&,‘&/+.48’$,‘(/‘6%4$,‘()‘=+2&(/0$‘4$1‘
3$,$/=$‘2/(C1$,‘)(/‘&’$+/‘8$/)(./4%12$;‘3($‘1(&‘2/(C1‘&’$4‘
-$*(C$‘C’$%/‘&’$0‘8$/)(./4$3‘-.&‘2%**$&’‘&’$4‘.8‘ (‘ (3‘
’0‘3$%&’
‘ &‘+,‘1(&‘)(/‘4$‘&(‘,$$F‘&’+,‘C+&’(.&0(./‘)%=(/‘-.&/%&’$/‘&(‘
3$,+/$‘0(./‘)%=(/‘C+&’(.&+&
?’$1‘ ‘ C%,‘*%,&‘ %&‘ (/’%4-./0‘ ‘ C%,‘ &%F$1‘ 4.2’‘ CHL 40‘
,048&g4$‘()‘4$*%12’(*0‘%13‘3(.&()‘8,$1&‘8$/+**;‘ ‘)(.13‘+&‘
)+/,&‘-0‘(22%,+(1‘()‘,(88$‘CHH,%2F‘&%F$1‘4+33$‘4$%*$‘%13‘+&‘
2(1&01.$3‘CNH4$‘&’%&‘1+6’&‘%13‘0L1$@&‘4(/1016;‘-.&1(&$‘
+&‘2*$%/$3‘%13‘C$1&‘)/(4‘4$‘C+&’(.&8./6$‘%13‘ ‘&./1$3‘*+6’&‘
%13‘3+,8(,$3‘()‘40‘,$*)
‘ 0‘ ‘ ’%12’C+**‘1(&‘%03‘*$6%2+$,‘()‘4%/+%6$‘C’$/$‘&’$‘ ^)‘*(Q‘
C(4%1‘+,‘6(&&‘%C%0‘C+&’(.&0X2(1,$1&‘()‘’$/’)/13,;‘%13‘’+,‘
0‘C((/3‘+,;‘:)‘0(.‘8/(=03$‘)*$,’’)(/‘0(./‘,$*)‘8/(=03$‘-/$%3‘
*+F$C+,$
:)‘ $/6‘ ’‘ ,’(.*3‘ 30$‘ (/‘ 3$2%0‘%%‘+,‘1(C‘,8(F$1;‘E.‘()

‘ ’2‘>’;5=2‘9.:1-523‘2’2357$(;357>(782‘6(77’58‘3.‘’7‘ ’,,’(6‘.(65#
A ’G.1$U 3.79‘.;‘ (<.1=2‘ ’;5$±E#‘ #D
F ‘ :)‘\‘30(3‘’2$‘:.76‘,;‘5GE7522’.1#‘ 3‘ 25562‘3.‘0(75‘4551‘ (<.1=2‘
0(4’3‘(3‘(,,’3’652‘.;‘Dc’2,’;5 3.’2.3‘8.>1‘.1‘E(E57‘(19‘15(3$‘35725$‘,’15,9$‘.7‘.3057VK
>’25‘;5,’<’3.:2‘3:71‘.;‘5GE7522’.1’30(3‘.<<:7758‘3.‘0’6$‘.7‘3,’(3‘05‘653>’30#‘ 5‘
23.758‘3056’;.7‘:25$‘(18‘6(85‘<.,,5<3’.12‘.;‘3056#‘ 55‘(‘6(1:2<7’E3‘1’305‘
(7,5,(1‘..,,5<3’.1’A .#C /CU‘513’3,58‘ F %
.;‘>0’<0‘ ’0(15‘-’151‘(‘;:,,’(<<.:13’1’305‘ 18‘I.,:65‘.;‘305‘ ’357(79‘(18‘ 7.J
;522’.1(,‘ .7?2$‘E#/L# 05‘N‘;.76‘P‘057.‘253‘8.>1‘>(2‘51’8513,9‘2:--52358‘49‘
305‘30.:-03‘.;‘2518’1-‘(‘6522(-5‘3.‘ (89‘ .7253$‘>’8.>‘.;‘305‘,(35‘ .78‘ 75(2:757$
>0.‘8’58‘3>.‘.7‘30755‘6.1302‘45;.6# 3‘(EE5(72$‘0.>5157$‘1.3‘3.‘0(15‘4551‘.;‘
0’2$‘.>1‘’1151’3.1$;.7‘05‘(;357>(782‘’1<,:858‘’3‘’1‘0’2‘<.,,5<3’.1‘.;‘ E.E0305-62‘
A ’3#(18‘ 0’,# .7?2$‘’’# E# /H $.# //LU‘(2‘(’2(9’1-‘.;‘N.E5‘.;‘305‘ (30572#P
3 ‘ ‘ ;‘53<# 0’2‘4.35’‘2<7.2258‘.:3#
O ‘ ‘9 ‘ ;‘53<# 0’2‘1.35’‘2<7.2258‘.:3#R
% ‘ ‘ ‘ ‘ 0(3‘’2$‘ ‘2:EE.25$,5-(<’52‘7523’1-‘.1‘305‘>.6(1=2‘
6(77’(-5# 05‘<.66.1‘;.76‘1.>’’2‘U(33(’1’1-‘0’2‘(-5‘.;‘ /‘95(72$‘.7‘450’-‘(‘
8(:-0357‘(33(’1’1-‘30(3‘(-5$‘.7‘6(779’1-‘E751‘.:2,9‘ ‘% ‘ ‘ ‘ ;‘53<#=\‘
.7‘>.782‘3.‘30(3‘5;;5<3#P‘A .35‘49‘ 7# # # ,,’2‘’1’305‘6(7-’1‘.;‘69‘<.E9‘.;‘
305‘ .6651 3(7’: #D
‘ ‘ ’7‘ 8>(78‘ 05,’E2$‘ ‘2:EE.25’\‘ ’1-=2‘ 57-5(13K(3K (>$‘ C3O‘
(9$/ F‘A # # .6# (2# #D‘T‘(3‘30’2‘3’65‘ E5(?57‘.;‘305‘ .:25‘.;‘ .66.12’T
(;357>(782‘ (2357‘.;‘305‘ ..,2# 05‘N‘E,(<5‘P‘0575‘2E.?51‘.;‘’2‘E7.4(4,9‘30(3‘.;‘
’1-=2‘57-5(13# 0’2‘1.35’(18‘305’15G3‘(75’<7.2258‘.:3#

\ . (()+ (-$+ &,(1,2%. ,$
H& ' $ 8(01& ()0X" , '0=$, %13 &(' & ' +1F &(' ,$&&*$ %2(C ,$+1+&G
' . & &(' *+,&$1 ' (C 0X +, %))$2&$3+1 /$,8$2& ()0H 8=+&+2$, %13
&(' 4%F$. ,$ ()+10 13 . ,&/0 +1 +& &(C%/3,' & ' $

, , / ' ^ ; 13(< z I '2E 6
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+ , # % , $)

2/+8&% +1 '$(*(6+%
<7 'E 3(' '1 . ,'3'<'2 5 3 . 7(,'0 : 2#
> 2/+8&% +1 %&. /%*+ $& 1+=$/,%*+ 8 '+*(,(8 '+
" 2/+8&% +1 D(6+2+,, ** ' (&(/+2+,, $& 8 '+*(*(6+$+,
/%&+(1$,, 1,&/ 4 1$1+&%, +2&%
+D+&$/,$

H # b;# ' '#a

C# .3^ . 61';(7'25 5G < . 1<5E3(' E7 . E7' . rG<5E325$ 2E(72' 6 : 3 . <K
. // . 1& $& 2. /,+4 %3 4$4(/+% &%' &. 4 , ,+=$ +=+++,, $&
(1&$4 8*%&(/ . /,(/
(6+&%-+(1$,'3+61+(/$,' ,+=$ (&+$ (4 1+)%/+%+ $@ 2(12$8&. ' 8/(7
8/+(' 8$/ n&+1 $@2b8&j$, $& %3 ' + '+&o 3$*+*%$/%&+(1$ p$,2/+8&&$ G
,+=$ +=+++,, $& (1&$1/8*%&(/ $3%&. ,
H

1V19 0(I5 4551 . 1,9 2. 6 5 <(: 25 . ; . 15 . ; 0'2 47. 33'<'= $ >0. > (2 -51k. 6 (1 : 2057
. ; 305 % : 551=2 E7'I 9 <0(6 457$ (18 0(8 -7(132 (18 2: '32 >0'<0 6 (9 E570(E2 0(75
<. 6 5 '1 '@ : 523 . 1#
3 H 0'2 >(2 30. -75(3 @ : 523 '. 1 . ; 305 . 75052 . ; 9 . ,5($ K305 Q : 7'2K
8 '. 3 '. 1 . I57 > 0'8 " > (2 '1 8'2E : 35 453 > 551 3,c ' 7. I '1<'(,' | . : 1<', (18 305 . : 732
. ; 5236 '12357# 55 (4. I5$ E# H $: # H#
T % + # - 0'2 >(2 E7. 4(4,9 30. 6 (1 : 2<7'E3 4. . ?
1. >' '1 30. ' 7'3'20 : 25 : 6 A (7,# # ' Bc$. 13'3358$] ,'5 >7'3'1-2 . ; '7
7(1<'2 (<. 1$ 13#$ 30. ' '1 - . -2 . ,'<'3. 7 A 51. >',,' '1 . 6 03'5$. ,'<'. $ 68
q 23. 7'5$P ; . 7 1'V (<<. : 13 . ; >0'<0$ 255 '3# (18 7. ;## . 7?2$ '# E# F # '3'<. 1,6 12
. 1,9 22(92$. ; >0'<0 30575 (75 3,17,9K; . : 7$ 0. ' 858'<(3. 79 ,53357 3. ' 7'1<5
5179$ 1. uI ''1 8,# # H BL$. EE<('K2 49 30. ' 0(18>7'3'1-' (18 3-35 >(353%6(?
3. ' 45,. 1-' 3. ' '3#
E 9 G '6 ' + *
,''2 '2 3 : 5'3'85 . ; 305 I . ,: 65
E : 4,'2058 49 | 7 : 3. 7 '1 ' / 'Q . ; 305 <. 135132 . ; > 0'83 ' 0(I5 - ' I51 (' ; : ,,'(<<. : 13
'1 69 E75; (<5 3. ' 30. ' 25<. 18 E(733. ; 305 , '', . 2. E, 3'<(, . 7?2$; . ,# q # E T F#]
M ; ; 7% 0575 '2 (' ; 7(- 6 513 . ; (' E(E57c ! . ?' '1 ' 305
7'3'20 : 25 : 6 A (7,# # CLCD$ > '30 3-'5 3'3,5 N 7(3'. 152$ K<3($ 1237 : 6 513('
. '7SV 752 5'I ',5 Q 7# (<. 1$PK I579 ; ('7,9%I9 '33. 1$ \ 30'1?' '1 (<. 1=2 . > 1'0(18$
(18 <. 12'23'1-' . 0' . ,'9 . ; 2 : <0' > 7'3'1-2' (2 45,. 1-' 3. ' 3''5' E75251 8'I '2'. 1' . ; 'D '2'
U I . 7?2# : 3 305 <. : 35 : 32 0(I5 4551 2. KE : ,,58 3. ' E'5<52 30(3 '3'' 2'' 6 E. 22'4,5 3. ' 2(9'
> 0(3 '3 . 7' - '1(,,9 '1 8''8<8#
5 % 0'2 > . : ,8$ 1. ' 8. : 43$ 45 305 . - '23. 7K#4. . ?' . ; ',533572 ; 7. 6 ' 0'<0
7# (>,<9 3. . ?' 3,'5 E7'1<'E(,' <. ,,5<3'. 1' '1 ' 30. # <2 : 2<'3 : 3'. #'

/B #a jj) # $# $R/B% # B/V

<(252' (8:7'335n' ;.7',(>5!'3.'3(~35' (>(9!2,'Q2>'#K5;' 45' -' :.#K'
E(<;'35' .7' :175(89'1' <.6.'x' 7((33 I2Q#3|T-53m'57' >U!'2.65R'
(47'8-6*' .;'2E5<'(',' <(252'c;| Vk'915R.>1' 656.79' (18' (,,'
.3057' EE91352' ;.7' 205>' (18' <7-8'!5K|7'75(891522K' (18'
75(8'1-#

! ' " ' # $ %' & "$ ' "' ^)A" I

' +-',$/=+&+'+$6'+1' %/*%4$1&(/'
' +-',$/=+&;'/$6'N.(%3'/$=$C&+(1i,'$&'2(r1(3.;
' +-',$/=+&m'/b6+,'E.(%3'2%.,%,'D.,&+&+i$'$ ')(/$1,$
>' +-',$/=+&;'/$6'E.(%3'2%.,%,',&%&.,

#W ' +' *X Y' *'Z ' 0Y. :[! Y' #

"' (/%$1&%/+.,' (*.&.,;',+=$'8%83$2&%' >I'F' '((F$' /$2$0=8&'
%*+'*$4$4-+N%12$,'&(.2'+16AZ0' 8/+=%&$G' (sC[' 1%&./$A',()$=$/'
%13' '%&'' 8%/&,D' +p++VAO%13' 2t+$3.*u ' '$' +D$'-$+16A'
%'D81/1%V'n)'C+,b$=2'H n$2W//$&-'G ';b' (&*+b/' [N$.3$/,' (/'
+&*$,' ()' &'+16,' ()' &'$f',%1+$' 1%&./$;')(/A-$&&$/' '$*8' ()'
4$4(/0' %13' Q.364[;' '$%/+1' ' 4%F$' 2'(+,i' ()' &'+16,' ()'
4(,&'8N,$1&;.,$

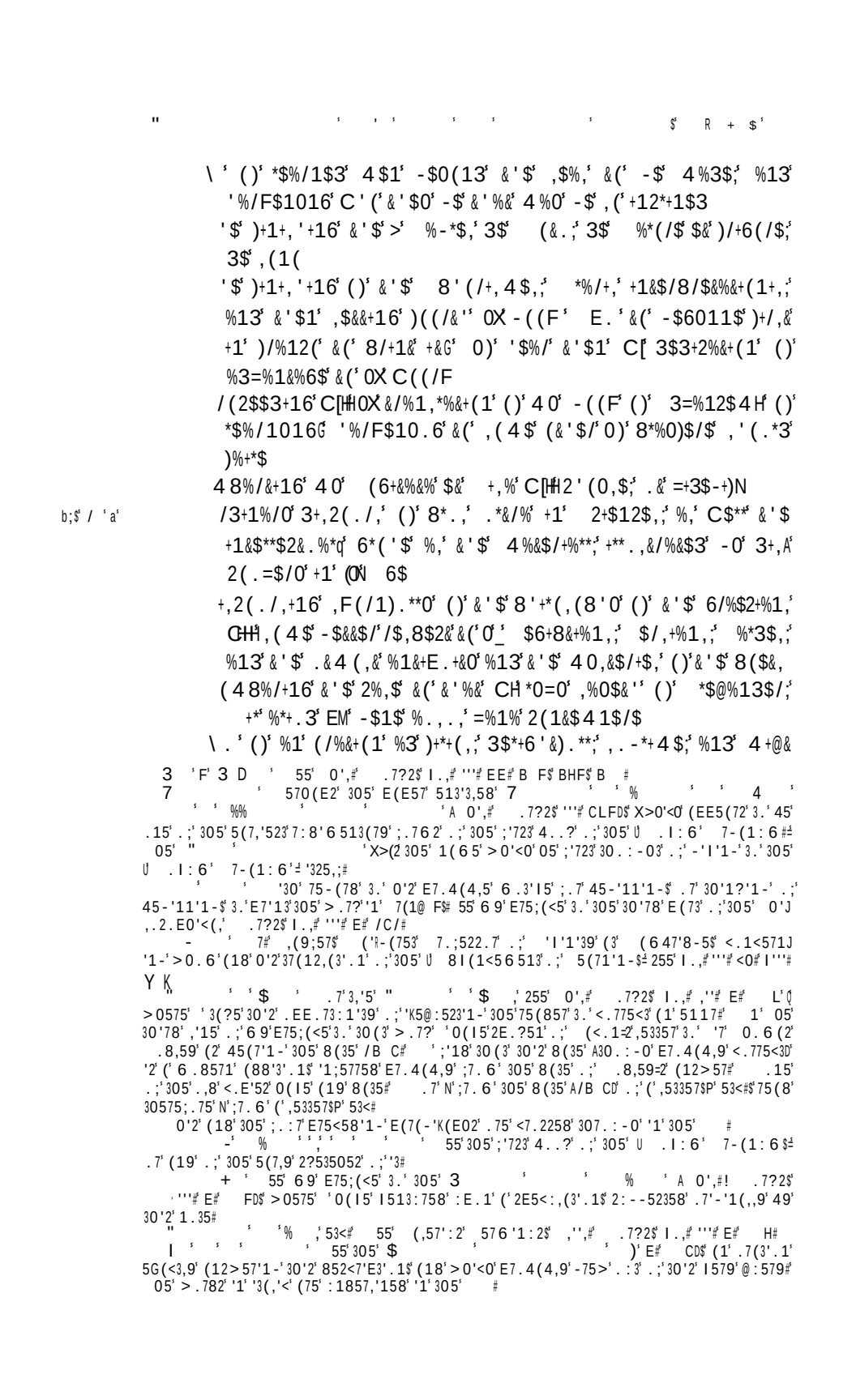
#' E057(57'852' E(73'<:,(7'k'W 0'2'<.:3591530'#(,2 ' (,,' E(73'K'R' b;#'/F%
<: ('-2$' 4:3' 953' 2:<0' (2' 30?7?' R5.'-309!3|'5E35'#(3R,(7-5$'
59'3057' 49<(:25' 3059' 6(9'5.13915>',.1-'1'12<$'.7'495(:25'
3059' 6(9'753:71'.;351$'.7' 49'<(:25' 3059' 6(9'-'I5','-03'3.'
4:2'1522' '1' 3965' 35' <.65'T >0575(2' 305' 1.352' .;' 9^' .K'
6513(7':2' (75'4I55;5' (18' 8.5' E(225T' 0'2' (Q2|' 0(30' 305'
2(65' 'E('K32$' '(7' ' (18' 5058:)s#
B# '2E512(,.7$'2'I5'7(3'.1(,5'23(3:2#
C# (457' :2E'5(3:2#

% ' 0'2''2'1.'KA,.:43'305'E752513'4..?#
' ' : %
0'2' 45-'12' (' ;7520' E(-5$' (3'305' 05(8'.;'>0'<0''2' >'K'33.1$'49'>(9'.;'7:11'1-'
,' .$'N' 7(12E.73n3#' :,#' B$' B #P' 'Q:8-5$'0.>5I57$'49'305'0(18>7'3'1-'30(3'
(<.1',c(8'-.15'.1'3.'3,'.'6'88,5'.;'305'E(-5$';'1'2,''1-'305',' 23'.;'0'2'E(E57'4..,'Q'
.1'305' 34'm (18'30(3'305'15>'1'.1''1-=2'>.7?' 'K5(,,9'45-(1'(3'N' 3'2<(6<$P'53<#'T'
3'75'30755'15G3'E(7(-7(E02' 45'1-' (EE(7513,9'.;3.7730.:--0323$'2:--52358'49'('75I'5>'
'1'305'6.71'1-'.;'>0(3'05'0(8'>7'3351'305'1'-03'45;.75#
F ' % ' '8.'1.3' 51Q.6457'3.'0(I5'6.3'>'A K'30'2' 3'3,5' (19>0575'
.0.'1' (<.1=2'>7'3'1-2'T 1.7'8.' ';..,'<573('1'(2'3.'3,'5'R65(1'1-'.;'3'Q 4:3' '2:EJ
E.25'3'3.'4.'305'3'3,5'.;'('4..?' '1$'>0'<0'05'E7.E.258'3.'253'8.>1'2E5<:,(3'.12';.7'
305' * '.;'0'2'523(35'Q 305'U '2E512(3.7'=45'1-'3.'5G0'4'3''3'12''3'>(2#

%F+16 4 .2 ' () . , ,$** & ' %& 3$8$13, .8(1 0M %= .//0 %13 -0 & ' %& 4 $%1, ' 3/%C+16 %= ' %13 -0 ' +4 ' %13 5 ' ' '%* ' +1 ' &0 4 $ ' & ' $ ' 8/+12$ $&&+16)/(4 . , ,$** %2(**$2&+(1 () 8 ' %+1(4 $1%, () , . /7 6$/0, 3$,&+1%&+(1, +1$/%** &/0%**, ' $,$&&+16 (1 C(' 4 0 ' () (/&', %13 %*$6 ' N %13 & ' $/$A) (/$ %/0(&&, & ' $ 4 ,$*=$, -$+16 %*/$%30 +12*+1$3 &(' $@A 8$/+4HL

2E . %+1&+16 4 0 ,$*) C+&' ($ %, ')(/ 4 0 ' $%*&' %13 -0 ' +4 ' *$%/1016 0X $@8$/+4 [X CXH ' $ ' %&' ' () 8 ' +, +F$ %13 6%01+16 $1&/%12$ +1&(' & ' $ +11$/ () , (4$ 6/$%& 8$/, (1, $+16 %13 &/0$16 CX & ' $ ' () %1&$/- ' 4%0 1(& -$ ^) ' "; - Q %))$2&$3 +1 +&, -$+16 , +16*$ %13 6*(/+(. , , %13 -$*$$=+16 & ' $, $1, $ (& 3$, +, &+16 &(' 3/%C$ +1 & ' $ 8 . 13 -$+16 , +16*$, /02 ' , , +2F*0, % 8/()$, , (/ &(' , (4$ $@8$/+4HH ' & ' +, %)&$/ & ' $ &%-*$ () (2+(1 (/ , (4$ (& ' $/ +1 8%/& , $&& +1) (/C%/3A 1$, , \ . ' () 8 ' +, +2+(1, & (' -$ 6%01$3 ' '$*0F$, & +, %330, 5 %4(13

' 7.4(4,9 0.6(2 :225, ,$ >0. ' >(2 51-(-58 (4.:3 30'2 3'655 $ >'30' 305'2(1<3'.1'.;'3,'5' .I571 6513$'1'5GE57'6 5132';.7'25E(7(3'1-'2 I57';7.6'305',5(8' .75# 55' # # .6# (652' #$' :-# /F$ 5<# //$ 5.# /H#/B '1 :,9' L$/B/ # #* -' '7 (I'8' :77(9$ 55E57'.;'305' 7'155=2' 7'I9' :725#' A # # .6# (652' #$' ' :,9$'/B #D :'3 ' " ' '7 0.6(2 ,'(,.157' A<.1<571'1-' >0.6' 255' I.'# '''# .# ''# Y HD$ .I571.7'.;' 7'1<5 5179=2 .:250.,8$ (18' (;357>(782' 0'2 0(6457,('1'1 05' >(2 305' (:30.7'.;'('375(3'25'A/ HD' .1'305' I'73:5' .;' 1'375'Q (18''1'/B L$ (3'305'37'(,'.; 0'1<(2 5335';.7' (' ;('.:75'1' 20'EK4:',8'1-$ 05' >(2 25,5<358$ (,.1-' >'30' 305' 752,:'7(',5<3:757'1'-5.65379$'3.'85<'85'('-5.6537'<(,'@:523'.1'>0'<0' >(2'8'2E:358' A '<0. 2$''# HT'''# D# -'5 ' ' E ' 9' .78' .;' .730:6457,(18 ! (3'30'2'3'65' E7'2.157'1'305' .>57$':E.1'(' 251351<5'1'305' 3(7<0(6457$';.7'2.65'18'75<3'<.6E,'<'39'1'3,'5' $:1E.>857' ,.3# @ - ' 0.6(2 ('=7'.3$'305'-75(3'6(3056(3'<'(1$':30.7'.;'U 73'2' 1(,9J 3'<V' 7(G'2#± 5'0(8';.7'6(19'95(72'4551''13'6(35'>'30' '7' (,357' (,5-0$>0.6' 05' '1237:<358''1' 6(3056(3'<2$'(18' 49' >0.6' 05' 0(8' 4551' 2513'3.' '7-'1'(# 5' >(2'(,2.'('E512'.157'.;'305' (7,'.;' .730:6457,(18# ' $ .5' >(2' .15'.;'305'E092'<'(12'>0.'(3351858' (,'24:79''1'0'2',(23' 1522$ A '<0. 2$''# HHC#D' $ ' ' " D' '<0(78' (1<7.;3$ 7<04'20.E'.;' (13574:79$'(18',(35,9'<0.251' 0(1<5,,.7'.;'305' 1'1572'39'.;' G;.78$':E.1'305'85(30'.;' .78' 75(2:757' .7253# ' 7 ' 05' 75(8'1-'0575' '2' 8.:43;:,$' 4:3' ' 30'1?' (:1<5,.3' 1875>2$' (<.1=2'.,8';7'518'(18'N''1@:'2'3.7$P' 6:23'45'65(13# 5'>(2'(3'30'2'3'65' '20.E' .;' 0'<052357$ 6:<0'752E5<358'49'305' '1-$'(18'0'2';(I.:7'35'E75(<057# ' D ' ' %)) .1<571'1-' >0'<0' 255' 69'E75;(<5'3.'305' 0 ' -)' ' ' # ' AI.'# ''' # E# B FD# -' ''= ',,'(6' (889$ E092'<'(1'3.'305' '1-# @ ' @ ' 7# .01' (66.18$ E092'<'(1' '1' .78'1(79' 3.' 30.' '1-$ (18 (;357>(782'3.' '=1<5' 5179#



>!=*5,5-(1<9$ (;;5<3'.1$ * -' '% % -' ' - ' /
D ,' (18' :E5723'3'.1#
.' <.129857' >Ù .E91'.12' (75' ;'33' 3.' 1.:7'20' 3(1@:(6'
12s(18' 2.' 3.' -7';3' 305'15>' :E.1' 305'.,8$:3' 75,'-'.152'
2.'513#
R 78'1(79' .:72'.;' 1<.6E5351<9'.;'75(2.1';.7':(3:7(,,'E0'J
,.2.E09'(18''1I513'.1'.;' >..7?2$ 'E7539'85I'25'3.₹4:9'
(18'25,,' >UR$ 8'3:2'1.' 1'2" 2:4'E572.1('1;513'2#
.' E7.<:75'(1' '23.79'.;' (7I('52$ '23.7'(' 1(3:7(5' b;# ' $'4#d
577(13'2' .7' I(7'(13'2$ 3.' 45'<.6E',58' :8-6Ù (18'
>'30.:3'<758:,'39'(18'(,,'305'RE.E:,(7'577.72'8535<358'Ť
'2<513':2$:4(73$,919$ 923.G=5'.;'(,,'2.732';.7'
6(33572'237(1-5''1'1(3:75'3.,8'1'257'5'356E.'1"05(75'(18'
30575''1357'<5357('Q (1<(7.,:2$ 85'754# 656.7(4','4:2$
8'I572'(:30.752#
.' E7.<:75'(1' '23.79'65<0(:'@:5'3.'45'<.6E',58'>*** <(75'
(18'8','-51<5'A(18'3.'E7.;5225'3' 30(3''2'.;'305'5GK'
E57'6**' (18'.4257I(3'.12'.;'(,,' 5<0(1'<(,,' 732# 05'
E,(<52'.7'30'1-52'3.'45'1@:9758'(75'Q ;'723'305'6(357'(,,2$
(18'305'7'@:(13'3'52'(18'E7.E.73'.12'Ť 5G3'305' 1237:6*Ñ
(18' 1-'12'75@:52'35'Ť 3051'305':25'(18'(8.E57(3'.1'.;'
5I579',:237:6*Ť 3051'305'>..7?'3'25,;' (18'(,,'305'E7.K

3 '% Q ,'53<# 1' 69'E75;(<5'3.'305'C ' ' $ 'A '3# (18' 7.;#
.7?2o'E#B CD$ '0(I5'.4257I58'30(3'305'.4Q5<3'.;'30(3'>.7?'AE:4,'2058'1'/B LD'>(2'
E7.4(4,9'3.' .43('1' (' 6.75';(I.:7(4,5'05(7'1-';.7'<573('1'E0',.2.E0'<(,'8.<37'152'
.;' (<.1=2'.>1'A:E.1'>0'<0'E.'13$ 255' 0',# .7?2$'''# E# /CHD'Ť (18''3' 2556 2'3.'
65'1.3'76E7.4(4,5'30(3'305'@:523'.1'0575'2:--52358';.7'<.12'857(3'.1',58'0'6'3.'
307.>'0'2'2Eh<:,(3'.12'13.'30(3'E.E:,(7';.7>##
'D -' ' '7.R*# 2'510(1<'1-$ ' 2:EE.25$305'E7'<5' .,' 30.' >(752'.:;5758$ 49'
75E752513'1-'3056'(2'3,'.'4523'30(3'<.:,8'45'0.E58' ' .:72'P'2'305'>.78''1'
305' F#$ 4:3'/'30'1?'0.'6:23'0(I5'65(13'3.'>7'35'N'8'2<.:725#P
* ' ' '

' ' ' ' ' # R + $' #

<5225' 30575.;' 305' 39652' (18' 25(2.12' .;' 8.'1-' 51579'
E(73'30575.;# 051'305' 77.72' > *' 6(9'45'<.6 93358$'(18'
(-(91' 30.25' 30'1-2' >*'<.18:<5'3.' 6(?5'305'>..7?5''1'
6.75'E57;5<3'.1# 051'(,,'.4257I(<'.12$ G'.652$'8'75<J
3'.12# (23,9'('30'1-2'<.,,(357(,0''1<'8U.7''13571511'513#
;;# /B#f (951-';.7'('E,(<5'3.'<.30(18'>9332'(18'E51152# ! 523J
6'12357$' 3.1$' 91<052357$' E5<# 7'1'39' .,,5-5''1'
(647'8-$ U 0.12''1' (64# (:8,'1' .,,5-5''1' GJ
;.78#(18'452E5(?'1-'30'2'4539652$'>U0'9^ # 69' # 7<04#
69' # 75(2:757#
<@:('13'>U** ^ .2,# .8,9'49' ^' .152#
(?'1-' (' -75(357'<.1;'851<5'(18' :30.7'39''1' 8'2<.:7252'
.;'30'2'1(3:75$'3(1@:('2:''<573:2'53'85'(,3.'852E'<'512#
%:# .;'9.:1-'2<0.,,(72''1'9^ 1'1572'3'52# ' ' D ' '

' 9I'1-'E512'.12'3.'H';.7'25(7<0'3.'<.6E',5'305' ' '23.7'52
:3'2:E7?'# .:18(<#.;'('<.,,5-5';.7' 1I513.72# ' (,57'52'
23(3:(2';.7' 1I513.72'E(23'(18'2E(<52'.7' (252';.7'
1I513.72'3.'<.65' 18'(' '47(79'(18'(1' 1-'1(79#
%:# .;'305' 7857'(18' '2<'E,'15$'3.'45'6'G3' 2.65'
E.9132'E.E:,(7'3.''1I'35'6(19'3.'<.137'4:35'(18'Q.915#
%:# .;'305'7:,52'(18'E!2<7'E32'.;'305'7'23:8952'(18''1K'
@:97'52#
,,.>(1<5';.7'37(I(','1-' ,,.>(1<5';.7'5GE57'6U'# 135,J
,'-51<5'(18'<.7752E.1851<5'>**U9^ :1'1572'3'52'(47.(8#
b;# /B$'4#a' .;' (157'(18'E7(52<7'E32'3.:<0'1-' 5<75<9$'37(J
8'3'.1$'(18'E:4,'<(3'.1#

Q'5 ' 7 % ' 7<04'20.E'(1<7.;'3'>(2'1.>' 0(1<5,,.7'.;'305' 1'1572'30'.;'
G;.78$' .78' 75(2:757'(,'24:79' 0(1<5,,.7'.;'305' 1'1572'39'.;' (647'8-5#
:'& ' -' '7' .2'(2' .8,59'0(8'4551'2513'13.' 75,(18''1' 305'E75<58'1-'
E7',' 3.' 2:E57'13518'305'575<3'.1' .;';.73';'<(3'.12'(3' .72$' '657'<?$ (357;.78$
'12(,5$53<# A 55' 4237(<32'.;'305' 7'19' .:1<',' 5-'23572$'/F' E7 $';' # 88#
//$H #D
3 B ' ' ' % % ,' 53<# 55' 69'E75;(<5' 3.' 305' 3 ' '
;' 0',# .7?2$'''# E# B
' 05'>.782'1''3(,'< (75':1857,'158''1' 305' # 05'(,,:2'.1''2$.;'
<.:725$'3.' 305' (18' .;' <.3,(18$'>0.25'25157(,' E753512'.12'0(8'
4551'2.'.1-':1857'8'2<:22'.1''1' (7,'(6513$'(18'305' .:732# :3'305'65(1'1-'
'2'30(3' (<.1'0(8';.:18'033,5'51<.:7(-5651 3''1'0'2'51357E7'25';7.6'305',5(7158'.;'
0'5'.>1'-5157(3'.1$'(18'<.1<,:858'30(3';.7'75<'E5132'.;'15>''85(2'05'6:23',..?'3.'
9.:1-'6'182#
% %-,' ' D % ' .1<571'1-' (<.1=2'I'5>2'.1'30'2'E.'13'
(4.:3'30'2'3'65$'255' 7# '2=2'E75;(<5'3.'305'U .I:6' 7-(1:6±A 0',# .7?2$'# D$
3.-53057'>'30'69'.>1'756(7?2''1'1.35' # AE# / CD$>0575'(,,'305'5I'851<5''2'<.,J
,5<358'(18'8'2<:2258#

/B #a # # B$ /B BC

%:# .;' 56..I52' (18' GE:,2'.12' '1' <(25' >!R!'1' (' 3965'
2.65' 11513'.1' >..7309' 45'1.3' E7.8:<58# 18',?5>'25'
@:# .;'305'0.1.72' (18' 5>(782';.7' 11513'.12#
(:,32$';.71(<52$ (77(<52';.7' 12.,(<'d1' >..7?' 0.:252'
.;'(,,'2.732#
1851.7' 3.' (4(25' 305' E7'<5' .;' E7.;522.79' 2<'51<52' (18' 3.'
47'1-' '8' 523'6(3'.1' 0',.2.E09'.7' 1'I572(,'39 \ 1(65'
(18' 30'1-#

A) / ' <,

5<3'.' .I# /# (73(' 5,5<3'.1'2' 53' E75.E3'.1'2#
.78'1'2#.E# # 9,I#(' 2'I5' (73(' (357#
F# 53(' E.2'3(' 2'I5' (73(' 3576'1(.2#
H# .<" 2'I5' (73(' 73'<:,.7''#
] # 51(' 5G357'.7' 2'I5' (73(' 8'I'2'.1'2
E7'65#
(E# B# (73(' (22'-1(3'.:'2' I5,'<.,,.<(3'.1'2#

5<3'.' ' ? /# (73(' '23.7'5'.78'1(35' (8' 8'I'2'.152 b;# /C#a
$&' E7'6(2$ 53' 75,'@:.2' (73'<:,52#
(73(' 6(1:512'2' 2'I5' 2:E57' 123(13'(2#

5<3'.'/ L# /# (73(' 1(,92'2' 6.3:2'<.6E.2'3'$ I5,' 85'
:<'(# 2E5,,'1-#
/ # # 51(' '1357'.7$ 2'I5' (73(' 8'I'2'.1'2' 25J
<:185#
//# F# (73(' .4257I(3'.1'2$ 2'I5' (G'.6(3'2#
/ # H# (73(' 0:6(1(' .E3(3'I(#
/F# # (73(' 0:6(1(' (<3'I($ 2'I5' E7(<3'<(#
/H# B# (73(' 13'<'E(3'.1'2$ 2'I5' 1357E753(K
3'.1'2' 29,I5237'2#
/ # C# (73(' 18'<(3'.1'2$ 2'I5' (8' <(73(2' 1.J
I5,,(2#
.3(' 1357E753(3'.156',5-'3'6(' 1.1'
;'57'$ 15<' <,(I56' 1357E753(3'.1'2' (8K

+ * -' .6E(75'305'5'-030'<0(E357'.;'$ '3 ,' 0',# .7?2$
6# E# #
0 ' 5'0(8' >7'3351';''-23' 0 ' ' # ' 051'
05'237:<?'..3'7'#]' <.1;'1'1-'0'625,;'' '1'305';'723''123(1<5'3.' (' 2.,'565'..;',5-'J
3'6(35''1@:'79''1'-5157(,# # # # # #
' ' 7.4(4,9' ' % ' .6E(75' E# C # N' " ' *
^ ;' * ' ' ' 1
$

(-5:8k' 75@:'7'3:7$ 1.1' '1@:'7'6k2$ 258' 5Q" 2k"' Q:7'2' ;(<'6 :2?53'
56(1<'E(6:2' :<' 25.72'6' 53' E7'1<'E(,'357' '1@:'7(3:7#
.3:2' 3(65'" (1'6(,52' @:(351:2' (8' <.0'4'3'.156$ (:3' E(73'<'K'
E(3'.156' 6(1';523(7(' 6.3:k' <.5357.7:6' <.6E750518'6:2$:3'
2(,3:6$ 2(1-:'1'2' E57' I51(2' (2<512'.057 T' 53<#
Q!,.3:2' (:356' '6E7522'.1'2' 2'I5' 2'-1(3:75' @:2h' '1<.7Ed7525'
2:13'3(651'.4' 2E(3'.7k' 2'I5',.<.7;' :3(3'.152' <.6E750518'6:2$
:3' '1' 2.1'2$ I'2'4','4:2$ (337(<3'.1'4:2' 2'I5'<.'3'.1'4:21' (,.756'
3(651' 53' ;7'-:2' .61'1.' 56(1<'E(6:2' .4' 8'-1'3(356' 53' 6:,3'K'
E,'<56' :2:6$ 53' 85' ','2' 25.72'6' 53' E7'1<'E(,'357' '1@:'7' I.,:6:2#
5<' 6.3k' -5157(3'.1'2' I'3(,'2' 5GE58'6:2$ 2'I5' (22'6',(K'
3'.156' 6(-1($ 258' 53' 0:1.' 56(1<'E(6:2#

" ' 7 % ! b;# /L#a

'723'3.' '1@:'75' 305' 25157(,,' ?91852' .7' 8'I572'3'52' .;' 6.<'.1#
051' >0(3' 4.8952' .7' 2:4Q5<32' (75' 2:2<5E3'4,5' .;' 5I579' ?918' (18'
>0(3'1.3$ (18'>0(3'0(I5'3056' '1' 23751-30' (18'>0(3'6.75'.4J
2<:75,9$ (18'>0(3'0(I5'3056' 6.75';(6','(7,9' (18'>0(3'6.75'
7(75,9#
051' 305' <.6E(7'2.12' .;' 305' ;.7<52' .;' 5I579' 6.<'.1$ (18' >*'*
'2' E7258.6'1(13'.15'.I57'305'.3057$ (18'>-' '2' (42.,:35' p18'
15I57' ;(,2';'58$ 9;' (19' 2:<0' 45T' 18' 0.>' 3059' 5I(85' (18'
20';3' 5<0' 1(3:75' .;' 6.7'.1' 3.' 8.5' 0'2' E(73#
.8"' 53' -,.4"' 6.3:k$ (18'0.>' 3059'<.1<:775' (18'0.>' 3059' 2:<J
<558' (18' '1357<0(:1-' '1' 30'1-2' 6.23';75@:513#
05' 3965 2' (18' 6.6513 2' >0575'1' 6.<'.12' >..7?$ (18' >0'<0' '2'
305' 6.75' 2>';3' (18' >*'* 305' 6.75' 2,.>5$ (18' >05(7' 3059'
3(?5' 305'7' 45-'11'1-52' (18' >0575' 3059',5(I5#
05' <.1I51'51<5' .7' 8'2<.1I51'51<5' >*'* 6.<'.1' 0(30' >*'* 05(3'
(18' 351:'39$ (18'0.>' 30525' 30755' 6 5535$ 25157$ .7' I(79#
05' E.>57' '1' 6.<'.12' <.7E.7(,,$.;' (-'3(3'.1$;'57$ 3965#
05' 5;;5<32' .;' 6.<'.1$ (18' >U @:(,'3'52' '3' '18:<530' 752E5<3'I5' 3.'
5I579' 6.<'.1#
05' ;.7<5' .;' :1'.1' '1' 6.<'.12$ (18' 305' 1(,.-9' 30575.;#^

7 ' 9' -' * ,' %' 05',(23'<,(:25' (8858' '1' 305' 6(7-'1#
' '- D ' 1' 305' 6(7-'1'.;' 305' #$ .xFE.2'35 30'2' (18' 305' 30755' 15!3' E(7(J
-7(EO2$ (75' 305';.,,.>'1-'1.352T' X>7'3351' (EE(7513,9' (3' (1.30-7'3'65$ (18' K>'30.:3'
(19' 2E5<'(,' 75;5751<5' 3.' 305' E(73'<:,(7' E(7(-7(EO2' (-('123' >0'<0' 3059' 0(EE51' 3.'
23(18# 059' (75' >7'3351'<.125<:3'I5,9$ .15':1857' 305' .3057$ >'30' 237.?52' .;' 305'
E51' 453>551' 3.' 25E(7(35' 3056# N' 05' 1237:6$]' (18' 5;;'<'5132# :4Q5<3:'@:(2"
5;;'5'512' -5157d,5$,', <'512' 3.1@:h' 2:4Q5<3k' E7.G'6k# \ 57'.8"' 53' E7.<522:2' 6.K'
3::6# \ E(3'($ .74'(' I'73:3'2#P
3 ' 9 ,' %' 0'2' E(7(-7(EO' (EE5(,2' 3.' 0(I5' 4551' (8858' (3' (1.3057' 3'65#

C

b;# /L$ 4#a

-'3(3'.$'2'I5' 6.3:2' (42@:5'3576'1.$'2'I5' .3:2'25'5G57<512#
(3'.$'2'I5' .3:2' (8'3576'1''$'2'I5' .3:2' 3'157(12#
-'3(3'.1'2' 2E5<'52' 8:s₩' -'3(3'.' E,(<'8(T' -'3(3'.' '1J
@:'53(#
-'3(3'.' E,(<'8('523' .3:2' .1I572'.1'2$'2'I5'%
-'3(3'.' '1@:'53(' 8:E,5G'₩' -'3(3'.' 75,5I(3'.1'2' 53' 3513(K'
3'.1'2T' -'3(3'.'375E'8(3'.1'2#
(3'.1'2'2E5<'52'8:s'₩' (3'.' 6(1';523($'2'I5' .3:2',.<(,'2T',(3'.
.<<:,3('2'I5' .3:2'<.7E.7(,'2#
.3:2',.<(,'237r2'2:13'2E5<'52'₩' .3:2'752E5<3:'2E(3'.7;'T' .J
3:2'752E5<3:'2'3:2'E(73''o'T' .3:2'752E5<3:' (,357':2#
.3:2'752E5<3:'2E(3'.7;' '(453'H'2E5<'52#

.3:2' 5G:2$'2'I5'15'853:7'I(5:k#
.3:2' E,(-s$'2'I5' 550(1'<:2$'2'I5'15';'(3'E51537(3'.'
8'6512'.1k#

b;# #a

.3:2','4573(3'2$'2'I5' (8'2E0s7,'I53575 6$'2'I5' (8'<.1I5K'
1'513'n'T' @:'' 523' 8:E,5G#' .3:2' (' I'.,513('<.18512(K'
3'.15' (8'<.1I51'513'(6'7(7'3(3'2'T' 53' .3:2' (' I'.,513('
7('=5;(<3'.15' (8'<.1I51'513'n'8512'3(3'2#
.3:2' 9,52' 6'-7(13'2$'2'I5' (8'2E4s7n'1.I('T' @:'' 53'n'
523' 8:E,5G#' .3:2' 9,52' 6'-7(13'2' (8'nE0s7n'1.I('
6(Q.757('T' .3:2'09,52'6'-7(13'2' (8'2E0s7(6'1.I('
6'1.757(#

.3:2'752E5<3:'2'3:2'E(73','$'523'2'6E,5G$'53'523' .3:2' .1K'
-7:'3(3'2'2'I5'8'2E.1512#

.3:2'752E5<3:' (,357':2'0(453'H'2E5<'52#
.3:2'(8' (22($'2'I5' .1-75-(3'.1'2' (Q.7$'2'I5' (15-9K'
7'<:2'2'I5';.5857'2'-5157(,'2#
.3:2' 6'<'3's$'2'I5' .1-75-(3'.1'2'6'1.7'T' 2'I5'296E(K'
30's$'2'I5';.5857'2'2(''<3'.7'2#
.3:2'8'2-75-(3'.1'2' (Q.7$'2'I5';:!s#
.3:2'8'2-75-(3'.1'2' '1.7$'2'I5' 13'E(30's#

b;# $ 4#a

.3:2' .7E.7(,'2'0(453'2E5<'52'25@:51352$'1:657.'/C#
.3:2' :42'23513's$'2'I5'15'853:7'1'0',k#
.3:2' 135-7'3(3'2$'2'I5' 15' (86'33(3:7'<.7E:2'5G357 'T'
2'I5' (6E,5G:2'I5357'2#
.3:2' .0'4'3'.1'2$'2'I5' 5-':2$'2'I5'15'(86'33(3:7'1.I('
;.76(#

23''F'6.J
3:2'E573'1Ü
(8'<.1257K'
I(3'.156'
'1'23(3:#

,3:2' 6(3:'=(3', 62' 2'I5' 5G(,3(3'.62' 53' E<7;5<3'.1'2' 1(K' V*^
3:7s' 2:s$' 2'I5' 6'E.3':2#
3:2'35318'3
(8' E57;5.K
3'.156#
.3:2' <.137(<3'.:'2$' 2'I5' 09, 2' 6'1.7(12' '1357':2$' 2'I5' Q-3"H 6.K
75237'<3'.1'2' A ' ,3(,'5115#
3=E?2:EK
',.3:2'75,(G(3'.1'2' 2'I5' 09,52' 6(Q.7(12'5G357':2$' 2'I5';:K' '>'7(3'n
2'.1'2# #
<.7E.7'2''1
3.3.$
9'.3:2'25E(7(3'.1'2''':' 25$' 2'I5';(<3'.('2$' 2'I5' <.1-75-((2'3!(?53!!'
0.6.-h15('53'8'2-75-(12'05357.-h15($' 2'I5':1'.1'2'E57'56'22'.!5$
E(7352#
3:7V'53'.7K
8'1(3'.
! ! ' E(73'' 6:K'R
.3:2'25E(7(3'.1'2''1' (,':8$' 2'I5' 5G','$' 2'I5' 5G'3:7s#(:3'
56'22'.1'2#
3'1*'(8
.3:2'25E(7(3'.1'2'(,3s'53'6(-1s$' 2'I5' 1(7<0's$' 2'I5' 25E(7(3'.K'
E:375;(<3'.1'2$' 2'I5' 25E(7(3'.1'2''1'E:75$' I5,'7(8'<(,'2#
.3:2' (EEQ<(3',62'53' 752'23513's' 25<:18:' ;'47(2#' 2'I5' b;K /#a
35G3:7('53'.7866 57('5(7':# K E573'1513 23"F 6.3=
.3:2'351(<'3(3'2$' 2'I5' (80s7513's$' 2'I5' E7'6" 3(53:2' (:3
(6E,5G:2'1.I'# E.7z'(EK
E,'<(K
3'.152#
.,,'2'75<5E3'.:'2''1'25$' 2'I5' '23'.1'2$' 2'I5''1<.7E.7(3'.K'
1'2$' 2'I5' 18513(3:2$' 2'I5':1'.1'2'Er7'3.3k#
.3:2'-5157(3'.1'2' .I'(,'2$' 2'I5'(22'6',(3'.1'2$' 2'I5'-515K' 23"'37r2'
7(3'.1'2'2'6','2'2:'';'Gs'53'6(1513'2# !30)513'(8
.3:2'-5157(3'.1'2' (3:71's$' 2'I5'2'-1(3:7s'(:3''6 E752K' E7.E1-(K
2'.1'2$' 2'I5' -5157(3'.1'2' 2'6','2'2:'' 6.6513(15s' I5,'-E5<'5'# 3'.156
37(125:13'2#
.3:2'-5157(3'.1'2';'<3s$' 2'I5' 5G<'3(3'.1'2'53''6'3(3'.1'2#
.3:2'653(6.7E0.25.2'E,(<'8s$' 2'I5' 1.Is';.76s'E7.<5K' 23"''
8513'2'(42@:5'8'22.,:3'.15# 6.3:2
.3:2'653(6.7E0.25.2'85237:513'2$' 2'I5' 1.Is';.76s'('3(3'.1'(
<.77:E3'.15$' 2'I5' 75.78'1(3'.1'2'53'37':6I'7(3:2$' 2'I5' 7:K'
8'6513"-5157(3'.1'2'I'3(,'2#

7'$ ' '12''2'>0(3'305',533.72',..?','?523'1'4:3'<11'0('K8,9'45'>4(3'3059'
X>575 65(13';.7#
'F # # # ' .'1' F#

? ' ' ' ' ' # R + $' $

b;# /$ 4#a' " '

G=(<3'.156' <.7E.7:$ 2'I5' 752'23513'(' <.137(';7(<3'.156' 53' 25E('=(K'
3'.156$ (22'-1(6:2'2:4' .3:' 135-7'3(3'2#
(3.&1' &%/1$1')/%2&+(1+,' +1'1(11.**+,'%.&' 8/('+-+&+(1+,')/%2&+(A'
1+,' +1AE.(' ,+&.,' 8%/&+V' =%*$&$' %,,+61%4.,',.-' 4(&.'%88*+2%A'
&+(1+,'8/+4(
58:<3'.156'(8' 23(3:7(' @:.$' (2' >051' :7'15'.7'4,.>8' '2'47.?51'
(18' 49' ;'57' 758:<58$' (22'-:(6:2' 2:4' .3:'<.0'4'3'E1'2$' I5,'
75-'.# #
.1257I(3'.151a$' (12~.157(''1'23(3:# .1'5G'3:7(7(' E'7'3:2''1'
<.7E.7'4:2' E.7.2'2$' 2'I5' 3577'2' 2'<<'2' (22'-1(7(:2' 2:4' .3:'
5-'.#
**' /+8$1+16,;' 2(2&+(1;' %,,%&+(1;' &'$' 6%&'$/+16' 8$/)$2&+(1' ()'
C01$,;' -$$/,;' ,03$/,;' ,2' -0' %6$' %13' &04$;' %,,+61%4.,',.-'
(&.' %&./%&+(1+,
3'(6' 6:,3'E,'<(3'.156' I'73:3'2' E57' :1'.156' @:(13'3R(3'2T' I5,'
<.1257I(3'.156' 23(3:2' E57' :1'.156' @:(13'3(3'2$' (22'-1(6:2'
2:4' .3:' (3:7(3'.1'2' I5,'5G(,3(3'.1'2#
b;# #a' '@:5;(<3'.156$.,;';'<(3'.156$,'@:'8'3(356$' <.12'23513'($' 8:K'
7'3'56$' '18:7(3'.157($' <.137(<3'.156$ .7' <,.251522' .;' E(732$'
6E,'(<'.156$ .1-5,(3'.156$' <.123'E(3'.156$' (22'-1(7(:2'
2:4' 6.3:' 09,52' '1357'.75#
$,+3$12$;')*(C/+16;' C(((/F+16' (C&' %' ,F04 4$;' 3$)$2%2+81;' /$)0A'
1016;' 2*$$/+16' %13' *$$,;' 3+,,(*=+16' (/'-/$%F+16' %,'+1'-*(C3$'
(/'./+1$' (%6.*%&+(1' (/'&./1016' &(' ./3$,' (/'C'%0$;' '%$2'
%,,+61%4.,',.-'4(&.',$8%/%&+(1+,'+1',$
3'16' 8'2.78'1(3'.156' E(73'k$' (2' >051' E5(72' 7.II,58' -533' ('
2>5531522$ >051' 7.252' <7:2058' (,357' 30575' 265,,$ 025< (22'-1(K'
6:2' .3:'' 25E(7(3'.1'2''1'25#
I(E.7(3'.156$' 5G0(,(3'.156$' 56'22'.15$' <.02:6E3'.156$' 8'6'K'
1:3'.156$' (75;(<3'.156$' (22'-1(6:2'2:4' .3:' 25E(7(3'.:'2''1'
(,':8#
.77:E3'.157($' 7:23$' 6.:,8$' (22'-1(6:2' 6.3:'' 25E(7(3'.1'2'
(,3^#
b;# $ 4#a' .3:6' 2.,'8'3(3'2' 2'I5' 5GE:,2'.1'2' <.7E.7'2' 8'22'6','2$' 53' (337(<K'
3'.156' 2'6','2$' (22'-1(6:2' 2:4' 6.3:' 6'23'.1'2#
G:<3'.156$' 85E(23'.156$' 85E768(3'.156$' 13:652<513'(6$' 1K'
35157(3'.156$' :-6513(3'.156$' 2'15' I5-53(3'.15' 25:' (<<75K'
3'.157($' (22'-1(6:2' .3:'' -5157(3'.1'2' .I'2#
576513(3'.157(' 53' '1;5<3'.156' (22'-1(;1:2' -5157(3'.1'2';'<3(5#

/B #a !X # # $ /B # 9>

523',,(3'.1566$ 2:4,'6(3'.1566$ (22'-1(6:2 .3:'' 7(53(6.7K'
E0.25.2'E,(<'8s#
3:7(91-' '13.' >..76652$;,'52$ 53<#$ (22'-1(6:2 .3:'' 37':6I'K'
7(3:2#

05'47'1-#Q^$ #,.>'49'E.I#(18'56E3# .;#
05'75I.,3 .7'37.:4#;'723'1' <.#;.7'3',,'9U'45'1.' 8(1-$.;' 1-#
8'2<.13# '1'8.>3 .;'(' >(775';7.'3051<5#
05'-75(31522'.;'2.65'E(73# 2:4Q#
E.E# (,24# <<5E3$3.' .# 0# .;'E(7'# @:#
05'-75(3$.;'305'E7'I# .0
05' .78# .;'2'33# (18' 6(1(-5' .;'30'1-52' '1' .# (2' ('23(35$ 30(3' 9$ F#d
9K4.>,5'6(9'-.5'(,.15#
05'-75(31#K.;'305'#,.>57'0.>2'1'E(7,(6U#
%:#.;'305'.;;'.;' '5:3# :123W
05'(42RN.;'305' # 9;'05'<.65'3.'9^ 7# 49'>(7752#
.1;5857(<9' (18'6.75'237('-03' 6'39' 9^,.>' .:137'52#
'6'3'1-'(,,' :7'28'<3'.12# .75'75-:,(7#
%:# >"R:25'.;'305'E7524 93#
%:# >*f:25'6(9'45'6(85'.;'9^-75(31#.;'9^ .4#.;' <.3,#
((F$,'+1'2(+1]13%2' ()' (1'4+@&'(/' /+,&(2
572>(8##305' #'1'-,.79$:75('<.185'3 2s<:,(#

' % ' .'1' #W # ','(7'1-'E7.4(4,9'4551'.6#
* ' 575'(','15'2'87(>1' (<7.22'305'E(-5'† (' 15>' 2:405<3' 45-'12'
>'30'('15>'E51'(18'(EE(7513,9';7520';'1-572'† (18'305'15G3'E(-5'2'05(858'3 /
`'& ' $ /B # ' <.1<,:85'30575;.75'30(3'305'30'78'8(9=2'>.72'51858'0575$
(18'30(3'>0(3';.,,.>2'>(2'45-:1'305'15G3'6.71'1-#
& + .,'<9# .'305'1.352' :1857'30'2'05(8' '0(I5'(,75(89'1' 69'137.8:<J
3'.1'5GE,('158'305'-5157(,''6E.73$(2';(7'(2' '<.:,8'<.,,5<3'3# :3'305'(4475I'(J
3'.12'(75'0575'2.'6(19'(18'2.'E57E,5G'1-$(18'953'305'65(1'1-'>.:,8'45'2.'>5,,'
>.730'0(I'1-''';'>5'<.:,8'-53'(3'3$30(3'(';:,,'135'KE753(3'.1'A(2';(7'(2'<.105<3:75'
(1'2:EE,9'30'>',,'E7.4(4,9'45';.:18'<.1I51'513'† (18'45'1-'30:2'E,(<58'2'85'49'
2'85'>'30'305'.7'-'1(,$ '3'>',,'(22'23'.3057'<.105<3:7572'>'30.:3'305'8(1-57'.;'6'2J
,5(8'1-'3056# 05'>.782'>'30'1'47(<?532'(75'69'.>1'<.66513(79''305'7523'(75'
>0(3''2:EE.25' (<.1''1351858#

N' 05'47'1-'1-'305' '1-',.>'49'E.I5739'(18'56E39'<.;;572#
N' 05'75I.,3'.7'37.:4,5';'7(3'1' <.3,(18'W;.7'3' '30(3'45$1.'8(1-57'.;' 1-,'20'
8'2<.13513'W'1'8.:43'.;'(' >(7';7.6'3051<5#P' Kb 3'2'(,>(92''1357523'1-'3.'<.6E(75'
305'(13'<'E(3'.12'.;'305'E0',.2.E0'<'23(3526(1',..?'1-';.7>(78$>'30'305'75;,5G'.12'
.;'305'E,'',.2.E0'<'0'23.7'(1',..?'1-'4(<?# 0'2'.E'1'.1'>(2'75<.7858'49' (<.1'
'1' /B $4:3'15I57'E:4,'<,9';335758# (I'8' :65$(;357'852<7'4'1-'305'<(:252'
(18'E7.-7522'.;' 1-,'20'8'2<.13513'1'/BFC$(18'20.>'1-'30(3'3059'>575'1.3'2:3 K'
<'513'3.'E7.I.?5(1'.:3475(?$E7.<5582'30:2'W N' 3'25565 8'E7.4(4,5$30575;.75$30(3'
(;'0'72'6'-03',.1-'0(I5'<.13'1:58'.1'305'2(65';..3'1-''1' 1-,(18$0(8''3'1.3'4551'
;.7'305'15'-04.:70..8'.;' <.3,(18'†('<.:1379'6.75'3:74:,513$(18',522'8'2E.258

5>', (>52 3.' 45'<. 6E. : 1858' (18'<.,,5<358'↑ (>-9157' E57E53: : 2' E7'1<5E2#
523.7# 305' 0:7<0' 3.' 9^ 375>', '6 '32' .;' :30.7'39' 2'1<5' # ***^ <.1;:2'.1#
0.925' .;' E572.12' (<3# (18' '1' 305'7' 1 (3# 23'7$' (18' (22:75' 3056 # 8 I Ú 3.' (' -51# 56 # .;' ;,*# :<<# (,24# (18' (6:M' 305' ' (18' # E(239$ (18' -,.79#
3' '2',?5' # 0(30' 2.65' ;:78# '13513$' :E># 3.' >91' 0'6' 3.' 305' E.# .;' E.,# :78'2' 6.8'2# <(I5' (,'357# $
'1'20'1-' 69' 3'-5(3# .;' 9^ -75(3$.;' 7# >*** (2E5<3' (8' E.,# 056 # E.E# (I# 5,I# (12# (74# 7." (7?,9#
b;# F$ 4#a 05' ;('7523$ >*℞.:3' 8'2# .7' E57# '2' 305' -5157# E572>(8# 3.' ' (18' E5.E# (18'<.:72# .;' '1;:2'1-' 5I579'>05(7' 305';.:18(3# '1' 30'2' 5' .;' (' .1# '1' 9^ >523$ (2' (1' (E3' 25(3' 23(35' E5.E,5';.7' '3 1' 2.' <919,'M'1-' 75,(18$';:7857'<.,.1'M# 305'>',8' .;' <.3,# 115G'1-' 9^ .>5' .:137'52#
;' (19' 30'1-' 45' @:523'.# 3.:<0# .,# 3.' 45' 3:7158' :E.1' 9^ 6E,'(J <'d1' .;' (' .1# '1' 9^ .9(,39#

3.' 2:46'22'.1' (18' .458'51<5$ ' 9 ' % ' '% ' ' '# (18' '3' '2$ 30575;.75$ 3'65' ;.7# :2' 3.' 753:71' 30'3057$ (18' 3.' -'I5' (1' (<<.:13' .;' 305' 23(35' .;' (;;('72#'1' 30(3' ?'1-8.6#P' '23$.;' 1-# <# F#a
N' 05' -75(31522' .;' 2.65' E(73'<:,(7' 2:405<32$ E.E# bE.E:,(7'39' j' '.EE.2'3'.1' 3.' 305' 7.>1#a' (,'24:79' (<<5E3(4,5' 3.' 305' .>57' .:25' .;' (7,'(6513$' @:#
N' 05' -75(31522' .;' 305' 7'I9' .:1<',#
N' 05'.7857' .;' 2'33'1-' (18' 6(1(-5' .;' 30'1-2' '1' .:1<',' (2' (' 23(35$ 30(3' 305' 4.>,' 6(9' -.' (,.15#
N' 05' -75(31522' .;' 305' .>57' .:25' '1' (7,'(6513#
N' %:# .;' 305' .;;'<5' .;' '5:351(13' .123(4,5#
N' 05' (4251<5' .;' 305' 7'1<5' ';' 05'<.65' 3.' 305' 7.>1' 49' >(72#
N' .1;5857(<9' (18' 6.75' 237('3' (6'39'>'30' 305' .>' .:137'52#
N' '6'3'1-' (,,' :'128'<3'.12 \ 6.75'75-:,(7'39#
N' %:# >0(3' :25' .;' 305' E752493579#
N' %:# >0(3' :25' 6(9' 45' 6(85' .;' 305' -75(31522' .;' 305' 1.4','39' .;' <.3,(18#
N' ..?2' '1'<.66518(3'.1' .;' 6.1(7<09' 6'G58$' .7' (7'23.<7(<9#
N' 572:(85' 305' # '1' -,.79$ (:75(' <.1853' 225<:,(#
N' 5>', (>2' 3.' 45'<.6E.:1858' (18'<.,,5<358'↑ (>-'I57' E57E53: : 2' E7'1<5E2#
N' 523.7'1-' 305' 0:7<0' 3.' 305' 37:5', '6 '32' .;' (:30.7'39$' 2'1<5' 51'9' 305' 30' <.1J ; : 2'.1#
N' ,'.'<5' .;' E572.12' (<3'I5' (18' '1' 305'7' 1(3:75' 23'77'1-$' (18' (22:75' 3056 #
N' 81573'256513' 3.' (' -5157(,' 656.7'(,' .;' (;;('72' bja#]*' :<<558' (,'24:79$ (18' (6:25' 305' '1-' (18' 7'1<5' >'30' E(23'65' (18' -,.79#P' b ' (6' 1.3' (3' (,,' 2(3'2;'58' 30(3' ' 0(I5' '1357E75358'305' ;'723' 251351<5'7'-03,9' ℳ 4:3' (<.1'8'8$ (;357' (,'24:79=2' 85(30$ 8'23'1<3,9' '13' 6(35' 3.' 305' '1-' 0'2' 75(8'1522' 3.' 45' N 756.I58' 3.' 4:2'1522℞.;' 3(35$P' ';' 4'2' 25'KI'<52' >575' >(1358' '1' 30(3'85E(736513'7(3057'30(1''1'0'2'E7.;522'.1#a
N' 3' '2',?5' (,'24:79' 0(30' 2.65';:7857' '13513'.1':E>(782' ℳ .' >'1' 0'6' 3.' 305' E.'13'.;' E.,'<9# :78'2' 6.8'2$ <(I5',('357#
N' '1'20'1-' 69' 375(3'25' .;' 305' 75(31522' .;' 7'3('1' >'30' (2E5<3' (8' E.,'3'(6#
N 056' A@:# 05:3#D$ .E0(6$ 51',,5$ 5,I573.1$ (1892$ 574573$ 7.;32$ (7?,59#
b '7' (,357' 0:35℣ 6564573' ;.7' 0'3<0:7<0' A .:30(6E3.120'750$' '1' 305' (7,'(6513'.;' /B/H$ (18' .15'.;' 305' U:18573(?572$+ >0.' -.3' '13.' 37.:4,5';.7' 305

Q k 9

1 75-5 45(3'22'6 : 6 1 . 1 <. - 6 '2577' 6 : 6 1 . 1 2 : (857'#
'457' : 2 E5<<(3 @ : , '451357 ' -1 . 7n3#
. : 7 > 931522 '2 ('7558 20(?51 >*** 9 > 918 G ' 953 2 . ' (2 > 051
305 7558 23(1852 : E7' - ''3 '3 '2 ; . 7 : 2$ (18 > 051 '3 451852 '3 '2
; . 7 9 . >#

( )'6/$%&' 4 $1 '+&' +,' - $, &' 0)' %' 4 %1 ,8$%F' +1 3$&$+ +(/v 8%/&$' /%& ' $/'
&(' &(C2 '' & ' $+/' $@&$/1 ' -0')%, - (1,' !CXHH 1$=$/&' $*$, ,' 4 %0' +17
3 . 2$' 4 $1 ' &(' & ' +1F' C ' %&' +, ;' & ' $1 ' & ' $+/' 3+, 8/%+, $, ;' 1%& . /$, ' (/'
(13+&+(1, ;' %13' & ' $+/' 1%& . /$, ' %13' 2(13+&+(1, ' 4 . 2 '' /%& ' $/'
& ' $1 ' & ' $+/' %2&+(1, ;')(/' & ' $' (1$' +, ' - . &' (801+(1, ' & ' $' (& ' $/' +, ' %'
F013' ()' 22 . , %2+(1

\ . ' ? [+, ' & ' $' 3+/$2&+(1' &(C2 '+16' /$2 . , %1&, ' 6((3$, ;' CN & ' $')(/A' b;# H#a
)$&. /$' -$' C ' (*0' 3+, 8$1, $3' C[HH (/' 8%, , $' -0' 6/%. 1&' %13' +, '
2(48(. 13$3')(/

%# Ù . 7857' (18' 8'75<3' . 1' '2' 3 . ><0'1-' 9 E . 913' . ;' (>' 1' E, 5(8J
'1-' 5G<. 6 : 1# 3 . ' 75<: 2(132#
(?'1-' 2 . 65' <. ,, 5<3' . 1' 3 . : <0'1-' 9 (: 30 . 7'39' . ;' 305' E7# . : 1<5, , $'
(2' 3' : EE5(7530' '1' . >7 4 . . ?52' . ;' (>5$' (18' (<@: ('13'1-' 69'
0(1<5, , (18' # 75(2 . 757' 30575>*** . 4'357#
(?'1-' . 3057' <. ,, 5<3' . 12' (18' 205>'1-' 3056' . 4'357$' 2E5<$' ; '33' ; . 7'
$ (1' 33# (18' 3 . ' 6(?5' 3056' 30'1?' 3059' 20(, ;' ; '18' (1' (, 357(<'d1'
3 . ' 305'7' <. : 35136 Ù . I57' 30(3' >0'<0' 1 . >' '2#

E(73' 05' 3 . . ?# '7 7(1<'2' . E0(6$' 656457' ; . 7 ', 32' '1' (652=2' ; '723' (7, '(6513$'
>0'<0' >(2'23', ;' '1' 5G'2351<5# '7 5179' 57', , 5' A ' 30'1?0' 656457' ; . 7 5>52# 5179'
5, I573 . 1$' 656457' ; . 7 . 730(6E3 . 1# '7 8>'1' (1892' A('8'23'1-: '2058' 656457' . ;'
30(3' (7, '(6513$' 255' . . ?' # <# $ Y $ 30 . : -0' 1 . 3' 1(658' '1' ', , '2=2' , '23D# '7
', , '(6' 574573$' 656457' ; . 7 . 13-. 6579' . : 139# '7 574573' 7 . ; 32$' 656457
; . 7 ß 575; . 78' W (' 237 . 1-' . EE . 1513' . ; ' 305' Q : 7'28'<3' . 1' . ; ' 305' . : 1<', ' . ; ' 305'
(7<052' . 757' 305' H' 20'752# '7 (: 7'<5' 57?, 59$' 656457' ; . 7 '1505(8$' '1'
. 6572532 0'75' 7(', E7 . 6'1513' 656457 2' . ; ' 305' . >57' . : 25$$' 1<, '1'1-' 3 . ' 305'
E . E : , (7 2'85$' 4 : 3' - . . 8' 651$' (18' > . 730' <. 1<', '(3'1-# 5# 20(, ' ; '18' 0575(; 357
; . : 7' . : 3' . ; ' 305' 5'-03' 75; 57758' 3 . ' 49' (<. 1' 12' 0(I'1-' 45, . 1-58' 3 . ' 305' . EE . 2'3' . 1'
E(739' '1' 30'2' (7, '(6513#a
N 05' ; ('7523$' >'3, ' . : 3' 8'2 . 7857$' . 7' E57', $' '2' 30(K -5157(, ' E572 : (8'1-' 3 . ' '1-'
(18' E5 . E, 5$' (18' <. : 725' . ; ' '1; : 2'1-' 5I579>0575' 305' ; . : 18(3' . 1' '1' 30'2' '2, 5' . ; '
(' 6 . 1('K<09' '1' 305' >523$' (2' (1' (E3' 25(3$' 23(35$' E5 . E, 5' ; . 7' 3' 7' 2 . ' <' I ', 'M'1-' 75, (18$'
; : 73057' <. , . 1'M'1-' 305' >', 8' . ; ' <. 3, (18# 115G'1-' 305' . >' . : 137'52#
N ; ' (1930'1-' 45' @ : 523' . 158' 3 . : <0'1-' E . , '<9$' 3 . ' 45' 3 : 7158' : E . 1' 305' (6E, '(3' . 1'
. ; '(' . 1(7<09' '1' 305' . 9(, 39#=
'30' 75-(78' 3 . ' 30525' 3>. ' , (23' 1 . 352$' 255' 305' '137 . 8 : <3' . 1' 3 . ' 30'2' <0(E357' (18'
<. 6E(75' 305' E51 : , 3' 6 (35' E(7(-'-(E0' . ; ' (<. 1-2' Ù E55<0' . 1' 5157(, ' (3 : 7(, 'M(3' . 1' ±
A . , # # 50# I ''' # Y BÙ ' 69' 756 (7?2' '1' 305', (23' 25<3' . 1' . ; ' 305' ; '723' <0(E357' . ; '30'2'
I . , : 65' ' (18' 69' E75; (<5' 3, ' 305' ; 7(-6513' . 1' 305' 37 : 5' 75(31522' . ; ' 7'3('1' A '3#
(18' 7 . ; # . 7?2$' I . , # ''# E# FLD#
575' (-('1' (' , '15' '2' 87(>1' (<7 . 22' 305' E(-5$' 3 . ' 6(7?' 305' 5137(1<5' : E . 1' . 3057'
6(33572' Q (18#305' 1 . 352' >0'<0' ; . , , . >' (75' ; . 7 305' 6 . 23' E(73' '135, , '-'4, 5' >'3, ' . : 3' (19'
<. 6 6513(79# 'F 2' $' ' 0(I5' (, 75(89' 5GE, ('158$' 23(182' ; . 7' , ' 30(3' '28' ; . 76' . ; '
5GE7522' . 1# 053057' 30525' (7< N 5GK <. 1<. E3 : ' E'=. E7' . $P' . 7' N 5G' 85E'358(3' . 15'
(: 30 . 7 : 6$P' ' <(11 . 3' 2(9#
% ' 0525' 3>. ' @ : 57'52' (75' (12>5758' ; : '3057' . 1' 1' 255' E# L #

CB

3',,'3.'<.12'857'0.>'3.'6(?5':25'4.30''1'23(35'(18';.7'69'E(7J
3'<:,(7'.;'69'E7.Q5<3'.;'6518 6Ú.;'(>52#
'0(I5'E:3'9.>''1'<.6'22'.:'"'G'"'-,(88'3.'45'E:33''1'('
<.6'22N'3.'8.5'9.:'257I'<5#
b;# H$ 4#a' 7E% <.129857'.;'305'6(3357'.;' 115G(<'.1'0.>''3'23(182'(18'>0(3'
'2';'33'3.'45'(8I'258#
.'E(7;'35' 56 4573.12'(22:7(1<5';7.6'0'2'2.115#
.'-'I5'8'75<3'.12'.;'('E,.33'3.'45'6(85'3.'3:71'9^'E.18'9(78'
'13.'('E,(<5'.;'E,5(2:75$'(18'3.'2E5(?'.;'3056'3.'69'#.;'
(,24:79#
05'-7.>18'3.'45''1<,.258'2@:(75'>Ú*('47'<?5'>(,,$'(18';7:35'
37552'E,(2058':E.1''3Ì.1'305'.>3'2'85'.;''3'3.'2533';(975'
237('35'497<052'.1''2'852'(18',965'37552'.1''2'852$'2.65'
';..35'8'23(135';7.6'305'>(,,$'2.'30(3'305'>(,,'6(9'0'85'
6.23'.;'305'20(;3'.;'305'3755'(18'.15,9'305'3:;32'(EE5(7'
(4.I5#
7.6'9^'>(,,'3.'0(I5'('>(:,?'.;'2.65' ';..35'.1'('0'-057'
,5I5,,#
13$/'&'%&'C%.*F$',(4$"')((&$&('%=$%)01$'*+&&$*#',&/$%4'
/.1$'.8(1'6/%=$*#%13')01$'8$88$*#&('-$'8.&&'+1&('0X
-&&(4$;'()'%'0%/3'%13'%1''%*)'(=$/;'CXHA,'%*#4%F$'&'$
C'(*$'/$,+3.$'()'&'$'6/(C13'%1'%13'G&'$'-%1E.$'&('-$
&./)$3'%13'F$8&'2.&&G'&'$'-%1E'4$%1'()'&'$'%,2$1&'&('
0X.88$/'C%.*FJ1('$36''$%/'-.&',(4$')01$',&%13$/3,'
C$*#F$8&
b;# #a' N '30'1'30(3'2375(6':E.1'(',.>57',5I5,,'3.'6(?5'(1.3057'>(:,?'
.;' ';..35$'305'4.7857'3.'45'2533'>]*'8(--52'.;'(,,'2.7352'
.;';,.>57'85' :<52'(18',9,952#
,,'305'-7.>18'>'30'1'30'2'>(:,?'3.'45'<(23'13.'('(@:<$'>N*
('(975'7(',5'>!*' 6(-52'-',3'7.>18'(4.:3''3'(18'2.65',.>'
;,.>752'2E5<'(,,9'I'.,5332'(18'237(>457'52'(,.1-'@:#
051'('(975'058-'.;' 96457'>..7?5'3',,''3'3.><0'305'>(357$'
>U4'2.65'-,(2252'<.,.758'05(7'(18'30575';.7'305'59#
1'9' '88,5'.;'305',(@:5'>0575'305'0.>25'1.>'23(182'3.'
6(?5'(1' (18'.;'/ '47.(8Ì' 1''1'305' '88,5'30575.;'
3.'4:',8'('0.>25';.7';7520152'>'30'(1':EE57'-(,579'.E51'
:E.1'305'>(357$'('3(7(<5'(4.I5'30(3$'(18'('2:EE'1-'7..65

7 4 ' 115G(3'.1'.;' 7.>1',(182$'E'K52:'1.#
T)-9 ' 3' .70(64:79'Q;.7('852<7'E3'.1'.;'>0'<0$'>051' :4'K59'2(>'3$'
255'0'2'Ù '152'.;' 6'1513' 51$'''# E# F/#

.E51' :1857' 30(3T' (' 89191-' 7..65$ (' 4588' <0(6457$ (' (4(1533$ (18' (' ..65'; .7' :2'?5$ (' -(7851T 1' 30'2' 7.>18' 3.' 6(?5' .15'>(:,?' 453>551' 37552T 05' -(,57'52' 3.' <.23' .730>(782T .30'1-' 3.' 45' E,(1358' 05(7' 4:3' .;' <0.925#

b;# $4#a

(' ,$&&' +1')+&&' 8*%2$,' %13,' 4(/$
1' (18'>0575'305';(975'0.7145(6'23(1852'>'30'(' 23(18' '1' '3' (18'25(32':1857' 5(30#
1' (18'>'30' .<?#
1' (18'>'30' (' 7.33#
1' (18' .:1358'>*!';..>752'1'(2<5132#
1' (18'E(158'(18'>'30'E'<3:75#
1579'.;'305' (182'3.'0(15' (';(975' 6(-5'3.'?55E5'3$' 79351'.7' 96E0'53<#
1' (18'>*** (1'(74.7'.;' :2?'7.252'2533'(,,' >*** 8.:4,5' !'.,5332';.7'2513'1' :3:61$2.65'-',.1572'>^N,'?5J >'25'8'2E572'2513#
' ;(975'47'8-'3.'9N '88,5'-75(3' (18'.15,9$ 9^' 7523' 49'4.35#
.'75656457'305'E.913'.;'0:24(1879'.;'23:44'1-'2.65'>..8'(3' 7(95#
'$' 4%F+16' ()'&'$')%0/$' C%.*F
'$' %88(+1&+16' 4(/$' 6/(.13' &(' *0$' *%0$' &'$1' 3(&';',8$2+%**0' &'$')$$*3' %&' 2(4016' +1' 8/%$,$1&*0
05'75856E3'.12'3.'45'<.12985758'.;' 7523.1$' 7.22549$' 513'20$ b;# B#a
G35,,$' 7'23.1$' E51257$' ,553>..8$' 7.33$' 7(<95$' (72.#
1<.:7(-56*' .;' 7.22549'>N]-75(3'>..7852'A :<0'(' 7(1?,915#
523(6513'#2.7'# 5I5,,25#
(1191-';..730'(' E0'2'<' # .7'E7(<3'257'305(7'1'>*** 75<5932$' 7(75' (18' 2E5<'(,o$' (18' 85,'<(<'52' -7(9152' 53<#' (18' .3057' 30'1-2' E,5(2'1-'0:6.7#
88*+$16' 40',$*)' &(' -$' +1C%/3' CHH 40' %' (/,$&&;' 8$/' '%48A 1$/,'%3' .&+*+&'&$,&%4

-' .'305'>.78'2' 75(8W ' <(11.3' 5GE,('1' 3# ' 0(8'30.:-03'3'6'-03'45' U,(7-5#=
- ' 7(9'.7' 75'>..81' ('>..8' .1'305'7'2'1-'-7.:18' .EE.2'35'305'0.:25#
E * ' 15'.;' (<.1=2'0(,;'2'23572'>(2';.7657,9' (89' 51',,51' 4:3'(2'205'>(2 1.>'305'>'8.>'.;' '7 R ',,'(6' 579(6$'3'25562':1,'?5,9'30(3'0.'>.:,8'<(,,'057' 49'057';.7657'1(65# 3057>'25' ' E%* % '>.:,8'6(?5'I579' -..8'25125#
7 ' ' ' 55'137.8:<3.79'756(7?2$E# F #

C <2 21 ' 23 '< ;2' " ;' ;2 2 ' "2' R + $'

:' (, % Q' H , 0 /

05' 3(?'1-' .;' (' -,92357' 458>(782' E:33530' 8.>1' 6 .75' 2>';3,9' (18' 25(6#530' 3.' >..7?' :E.1' I'2<.:2' 0:6 .72' 6 .75' 3051' (3' .3057' 397(52$' 4:3' '3';',,530' 9^' 05(8'Ī 3' '2' 305';75523';.7' 4:2'1522#

' -,'23572' 305' .15' (3' H' .;'<,.<?' 305' .3057' 458>(78' (-755' >5,,$';.7' 30(3' 305' .15' 23977530' 305' 6 .75' I'2<.:2' 0:6 .7' (18' 305' .3057' <(7'530' '3' (>(9#

05' <.1391:(1<5' .;' 69' ;(6','(7' <..,'1-' -,92357' H' .7' ' 8('52' >'30.:3' '13576'22'.1' ' ;'18' 3.' 45' .;' -..8' 2:<<522Ŵ' :3' 953' ;.7' 305' 3965' '3' 6(?530' 65' (;357>(782' 9658'(35,9';918' (' -75(357' 05(3' .;'4.89' (18' 8'23(23' .;' 296E3 65' A 05','?5'8.30' (19' <.1391:58' 8'533' .7' Q:23' E:7-'1-D' >Ŵ** ' Q:8-' 8.30' (7'25' 49<(:25' 305' 8:23' 0:6 .7' '2' 2397758' 4:3' 23'<?530' <,.25$' (18' 49<(:25' 305' 6 .923:75' .;' 0:6 .72' (8Q(<513' 45'1-' >(2058' (>(9' '3'7(91530' 305' 6 .75'Ŵ 18' 49<(:25' 2.65' .;' 305' I'2<.:2' 0:6 .72' 2397758' 4:3' 1.3' 87(>1' (>(9' 7523' 6 .75' '1' 9^' E(22(-52#

b;# B$' 4#a' ' ;918' 305' 2,5'-03' (1.913'1-' .;' 69' 29852' 2:4' 09E.<0.187''2' (18' 305' 75-'.1' .;6(9' 45,,9' :1857' 305' (I5,,' >U** 2.65' .9,5' (EE7.J E7'(35' 3.' <.77.4.7(35' 305' 57;52' (18' 5647(1.:2' E(732$' (2 ,# (23.75'$' ,$' (23'<$ 53<# 3.' -9I5' 65' 5(2' (18' E!R2513' 2512' .;'.E5191-' (18' 75,(G(<'.1' >0(3' 3965' ' ;918' 69' 25,;' 2.' 23.EJ E58' 2:4' 09E.<0.187''2' (2' ' <(11.3' 0(I5' E(3'51<5' 3.' 2'33' 23',,$' 4:3' 6:23' 239775' .7' (,357' E.23:75' :E.1' (' 1(3:7(,,' 6 .<'.1' (2' ' Q:8-' 3.' 5GE5,' .7' ,.251'Ī 18' 305' <(:25' 05(7.;' ' 3(?5' 3.' 45' 49<(:25' 305' 23.EE'1-' >0575.;' ' <.6E,('15' <.6530' 1.3' .15,9' .;' 305' I'2<.:215225' .;' 305' 0:6 .7' .7' 237('-031522' .;' E(22(-5$' 4:3' (,2.' .;' (',(M91522' .7' 2,(<?15225' '1' 305' E(73$' >^Ŵ'13513'.1' 30'2' 756589' 05,E530#

' ;918' (19' 6(1157' .;' (1.9136*' 458>(782' 3.' 6(?5' 305' 0:6 .72' (2' ' Q:8-' 6 .75' I(E.7.:2' (18' 3.' . 518' 305' 05(8#

' ;'18' .3057>'25' 6:<0' -..8' .;' 69' 75;7'-57h' .9136*^',('58' :E.1' 69' 759152' 0(1<052' (18' 29852';.7>(782$' (18' ' Q:8-' 305' <..,5K' 15225' .;'.9136U^6 .23' E7.E57' .>3>(782' 49<(:25' 30(3' .;' 4(3052' 8.30' .65>U 20:33T' 4:3' ;.6513(<'.12' >(765' (EE,'58' 65K' 30'1?52' 20.:,8' 45' 15G3' '1' ;'331522' 3.' .9136*^#

b;# C#a' ' 8.5' ;'18' 1.30'1-' 3.' '18:<5' 23.EE'1-' 6 .75' (18' 3.' ;',' 305' 05(8' (18' 3.' '18:<5',(1-:'20'1-' (18' 8'23(23' (18';5I7.:2' 8'2E.2'<'d1' 6 .75' /' 2(9' 3051' (19' 6(157' .;' .;;57' 3.' 2,55E' (3' (;3571..1$

' * ' 05' 1.35(' >0'<0';.,,.>' :1857' 30'(' 05(8' ('K5' (,,' <7.2258 .:3#

/B #a S w ' ' ; CL

59305 7 9' 58'(35,9 (;357 891157 .7 (3 H .;<,.<?# 18 <.:,8
15157 953 ;918 752.,:<'d1 (18 23751-30 51.:-0'1'69 25,;3.
'10'4'35''3#

0(I5';.>18 (' 89533 3.';558 .;4.9,8 65(3$<..,5 2(,,5332$ (423'J
151<5 .;>915$3.'8.5 65 6:<0 -..8$ 4:3''3 6 (9 1.3 45<.1K
391:58';.7 E(,,'1-'(18 >5(?5191-'69 23.6(<0#

0(I5';.>18 -..8 .;'F 2E..15;:,,2 .; 97.E5 .;'I'15-(7 2'6E,5
.7 297.E5 .;',56 (12 3(?51 9' 58'(35,9 45;.75 2:EE57$;.7 '3
@:'<?1530 (EE53'35 (18 7('2530 9 5GE:,2'I5 I573:5 ;.7 (19
756 (91 .;'<.,,5<3'.1 '1 9 23.6(<0#

0(I5 4:3 '3 '2 ,.1-' 2'1<5 ;.:18 -..8 .;'<0(,542 E7sE(7(3:2
2355E58 '1 >0'35 >915 (18 305 >915 E.>75 '5(25,9 ;7.6 305
E.>857 >'30.:3 7('2'1-' 9 E.>857 .7 20(?'1-' 9 ,'@:.7$ .7
237(9191-# ';.:18 '3 6(85 65 237.1-'(18 85297.:2 3.'>(:,?
(18 239775 ' ;.:18 '3$ (2 '3 25(658 3.' 65$ '1' 69 ;'1-572
5182# 3 6(85 65',..?';.7 305 39 65 I579 E(,5 05 E.>857
'1 2:423(1<5 3(?51 (2 '1' E',' .7 <.1;53:75$ 0(I5';.:18
8(:1-57.:2,9 05(I9:E 69 23.6(<0# .65 85<.<3'.1 .E51K$
91-'(:8 <..,'1-' 6.:-03 0(,;'E(73 45 6'1-,58 >U** 305 >915#

0(I5 5157 0(8 .E91'.1 30(3 2.65 <.6;.73'1-' 87'1?(3 H (' <,.<?' b;# 9; 4#d
0.>75 >** '2 305 0.>75 .; 69 ,(1-:'20'1-' >575 E7.E57$;.7
65#

0(I5';.:18 1.>3>925 :E.1 (65186 *.;69;.73:15 8'2E.2'3'.1
3.' 65,(1<0.,9 (18 8'23(23$ 2E5<'(,,9 305 2(6E 0(EE5191-'
(-('123 9 ,.1-' I(<(<'d1 >051 <.6E(19 ;(',58 (18 4:2'1522
4.30$;.7 :E.1 69 .,,'<'3.P E,(<5 -75>' '18'2E.258 (18 '1J
<,'158 3.'2:E5723'3'.1# .>' :E.1 ',,52 E,(<5 ;'18 ('75,(E2
:13.' 69 .,8 296E3 65 (2 >(2 >.13 3.' 0(I5 '3 6(19 95(72
(-.5$ (2 (;357 2,55E52 237';5 (3 65(32$ 237(1-15225$ <,.>852$
53<#

.' 75656457 8'2E(3<0 .; (73;.782 >(7#
.' 75656# 69 3:71 '1 .E>#>(7#
.' 756# (:4'1952 >(77U**#

' :'9 ' 7.4(4,9 (' >(77(13 ;.7 <(779'1-' '13.' 5;;5<3 N (1 (-7556513
453>551 305 '1-' (18 305 (7,'.;' 573;.78 (18 .78 5(:<0(6E$;.7 <.1I59'1-'
3.' 305 2('8 (7,' <573('1 751572'.12 .;' 513(',58 6(1.72 (18 ,(182$ (18 ;.7 .78
5(:<0(6E 3.' 4.' <75(358 (7,'.;' 573;.78$ .1 85<5(25 .;' 305 E752513 (7,' P A # #
.6# (652 # 54#K $/B D# 55 (,2.' :15 /$/B $ (18 (7<0 / $/B L#
C 4 - '9 2' 55(4.I5$E# $1# F# 0525'30755'656.7(18 (75 (,2.' <7.2258
.:3''1'305 #Q (2 >5,,' (2 305 ;.:7 1.352 <.1<571'1-' 4'2 05(,30 >0'<0 ;.,,.>#

<2 2 3 < ; 2 " ; " R) * 4

3..?5 1.>I579,(35,9 ,6.1$6',?.1 6.71D1-52 3. 475(?;(23 (18 (42359158 ;7.6 >915 (18 (;357 2.65 -75(3 E,5(2'1-(3 ;'723 (18 '1<75(25 .; ; ;.:18 (1 R5G37565 296E3 65 (;357 2,55E52 75658958 49 (' E:7-'1-E',,#

_;# #a 9 :258 ;.7 F .7 H 8(952 3.' (1.913 51579 6.7191-# 69 2'85 >U¢ .9,5 .; 6(12 (18 3.'3(?5'15>' 5G37(<358 .9,5 .;T ,6(12 F 2E..15;: 2 '1>(782 (18 4(7,9<75(6 :E.1 ,' (18 'Q.98 6:<0 '1 '3 (3 ;'723 (18 ;.:18 '1 305 >0.33 >5(3057 ,522 309723$ [4:3 953 8'2E.2'<'d1 3.' 2>5(3 (18 <57351 '1>(78 E,5(2:75$ 5,(1<0.,'(' <.5,5235 6 T :3 2..1 (;357 '0(15 ;.:18 -75(3 I(E.:7.:215225 (18 8'2E.2'<'d1 (8 .3:' 6513'2$ 6:<0 >918$ -75(3 (18 -,.>'1-' (18 2512'4,5 05(3 2:4 09E.<0.187''2$ >*]* 2.65 4:7191-' (18 E(915 6.75 3051 :2:(,,$ 452'852 >9189152 (18 7(2E'1-#

3 15157 ;(',530 30(3 (;357 (' -..8 E:7-5.7 E:7-5 75E5358 305 Ü (18 2.6539652 305 HÜ* 8(9 '0(15 (1 5G(2E57(3'.1 .;' 296QEK 3.65 (18 05(3 .7 <,(6691522 2:4 09E.<4.187''2T 18 305 6.75 5(25 ';918 ;.7 305 3965$ 305 >..725 ';918 :E.1 9 753:71#

;;# $4#a '0(15 :258 ;.7 (' ;.731'-03 3.' 8'2<.1391:5 <,(7533 >915 (18 3.' :25 6'88 65,5 (' 2.EE5 '1 2(<? .7 (' 26(,,' 87(>-03# 3 ;'723 ' ;.:18 (2 '30.:-03 2.65 23751-30 .;' 23.6(<0 49 '3$ 0(I'1-' 8.:358 45;.75 30(3 49 9^ (,6(1 6',?' (18 4(7,9<7565$ (18 ,5(I91-' >915 (18 >7.1-' .;' E0'2'?5 69 23.6(<0 >(2 3.' 6:<0 15-,5<358# :3 2'1<5 '0(15 ;.>18 '3 0(30 6(85 65 6.75 2:4Q5<3 3.' 69 296E3 65# 18 '<(11.3 '6E:35 '3 3.' (19J 30'1-' 6.75 30(3 30575 0(30 4915 (' ?918 .;' 75,(E2$.;;57 3.' -7.15$ 7:<3:2$;5715 1<'5$ 25125 .;' 3.77h;(<3'.1 '1 I'2<575# 18 9* 7523$ (18 2E5<'(,,9$ 237(:1-15225 (18 <,.>8915225T ;.7 4.30 '3 4:7152 '1 305 23.6(<0 (18 '2 I(E.7.:2$ (18 '0(8 (' 6(1';523 25125 30575.;' (3 .70(64:79 30(3 '1 305 I579 3(?'1-'.;''3 6'88 2:EE57 '>(2 3(?51 >!** 305 ,'?5 296E3 652# 0575;.75 '30'1?' '6:23 752.73 (-(9';3.'2.65 26(,,' <,(7533 >915 75;7'-57(35 >!** 057452 T ;.7 30(3 '1<75(2530 2E'7'32 (18 I(E.7530 1.3 2.' 6:<0 1.7 4:71530 1.3 2.' 6:<0 '1 305 4.3K 3.65 .;' 305 23.6(<0 >0575 69 8'2356E57 '2#

5(13E7.4(4,9';.7 305 (237.,.-'<(,'2'-1.;' 56:#

.12 2' ; % U 8/ % , / , , / b;#R L#a

:,# $ /B #

$

%# T

; ; # -* \ D -

05 E(7?5 ,(3'852 .; .7# '1 .<<:E(j .; #

6 '30$ E57 1 BC!K E57 758#

05 E(7? ,(18 >0'<0 >(2 ,53 38 0.6 ;'1<0

(18 '2 1.> '1 305 .<<:E(<'.1 .; 9 2(65

6 '30 BRK ^K j E57 2523#

75(3 7..?;55,8 z (,''2 ,53 3. '# '1<0 / R / ^K !E57

(>9572 0',, ,53 3. (72.1 /HRK ^K ** Er7

05 (11.7 .; 7(9 ,53 3. '# '1<0 75<?K @ .;9 @:'33 75132

.191- 305 EI'5> F RK ^K [E57

(18 ,53 3. 305 >98.> 55852 # # # # CRK/ *K ! E57

@:# .; '1<052 7513 ;.7 2 (765

; (>751<5 ;.7 305 -7.>18 (4.:3 305

0.>25 (18 305 E(7? -7.>18 >** >513

>'30 2 ;(76 5 / RK ^K R E57

; 0(;.78 1.3 75<?.191- 305 -7.>18K

R 4.:-03 49 (72.1 '1 5I572 # # # RK ! E57

; G35,, ;.7 7(E572 658 RK K RR E57 b;# L$4#a

; 7.2249 ;.7 .6;.732 65(8 # # # # BRK

05 58.> '1 6915 .>15 0(182 # # ## # RK ^K * E# 5

; .6(,' /RK /B^K 8E#

; (7-5 RK B^K]E#

;305 :23.6(79 751 32 R ^K E#

;305 ',, 452'852 305 -7'23 RK ^K]E#

;305 E(7@:'2'32 .; .>73 (58' # # [R ^K !E 5

; >..8 2(,52 11:(,' (58' # # [[RK ^K ^E 5

%: .; I52'852 > '3 45 <.6E7'258 '1

6'3052 7513

56# @:'775,,2 :22052#

. E7.;',5 .;305 .>25#

:6 3.3(,# 5I513'.1 11(,'k F/LRK ^K R*

0'2 (3 /B 95(72 E:7<0(M5 / HRK ^K *R

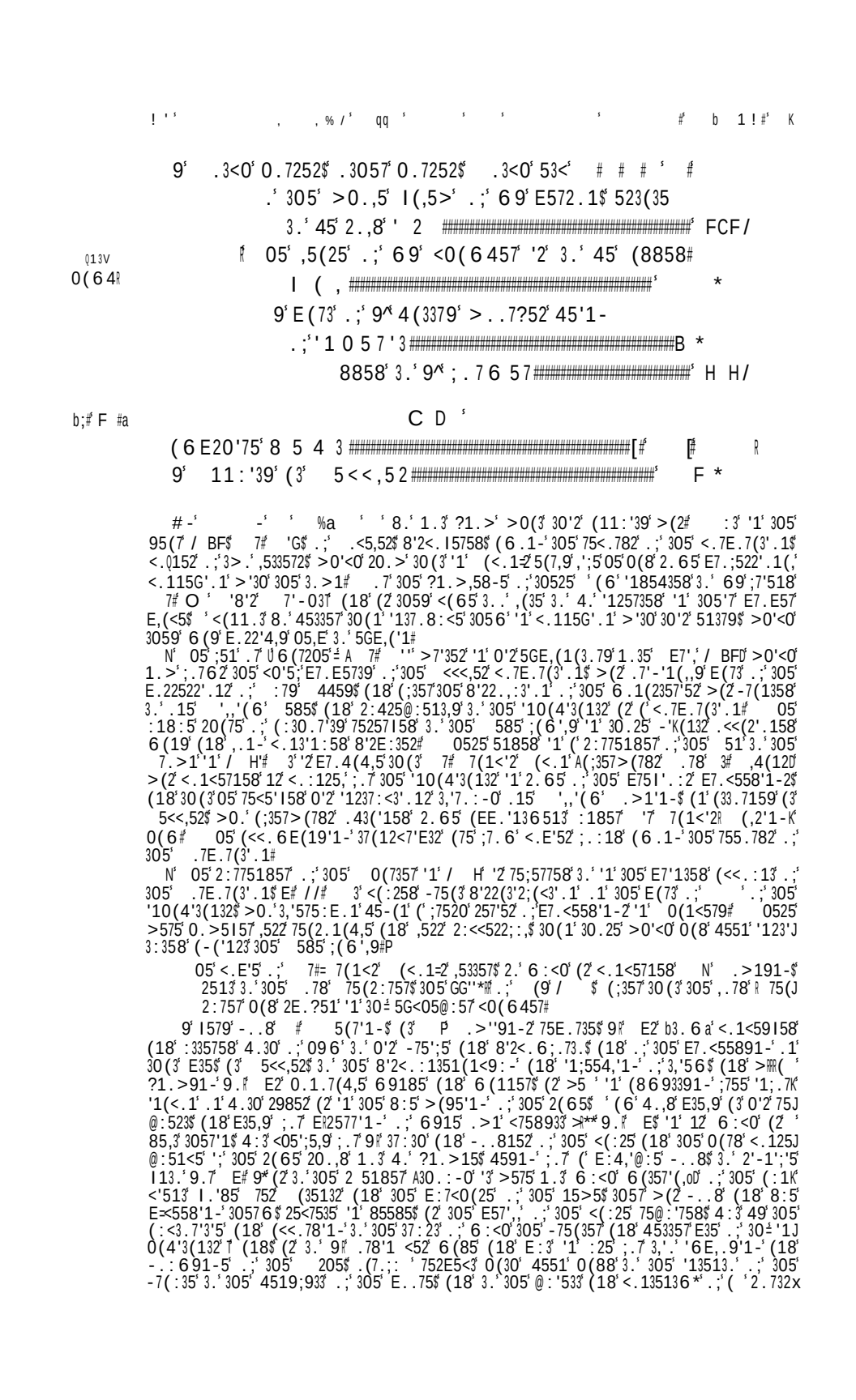
; * F % % 1 305 523'6(35 >0'<0 ;.,,.>2$ 2.65 .; 305

1.65($4.30 .; E572.12 (18 E,(<52$ (75 8';:'<:,3 3. 6(?5 .:3$ (18 6(9 0(75 4551

6'(7<.8# :3 305 ;'-:752 (75 <,5(7$ (18 305 (4475I'(358 >.782 (75$;.7 305 6.23

E(73$ 2. .4I'.:2 (2 1.3 3. 75@:'75 5GE,(1(3'.1#

5



! ' <2 21 ' 3' < ;2' ";' ;1 ' " ' R + $' Q

. ' ' ; % U V,' $%,/, ,/'
@W 2 4 ' 3' 12H2 " 2(
) ,' ;

5I51:5' '1' (73;###FF
5I51:5' .;'7(9' #,(18###/
5I51$' .;'69' >9I52' 6.#####################Ü # # # /
9',5(2' .;'75<:2(132###/
9',5(2' .;' 0512;###'
9'E512'.1###' B
9' .,,'<'3#'E,(<5###' /
9'E7(<3'25###/
9'.;;'<5'.;' 3#' 0###' #
9'8:<09';55 ###'
:6'3.3(,#' 5I513#' 11:(,'2' # # # HLC

.35' .'E7.;'35'6(85'.;' .70(6#' .>25
.'E7.;'35'.;'69'<0(64572'(3' 7('52# 115'
.'651<'d1'.;'2:352'(18'(I(9,52#

,' ##,// ,/' % /'$,%' $$% ,
* JP
05'7('2'1-'.;'305'7(352'.;R ..8;5,,2'(3'E7(9'(3',523'3.' cL'
305' #
05'3(?'1-'2.65' 96457';7.' .70(64#'9;' 'E(73'>'30'3#
05'23:44'1-'E7(9$'>*' 6(9'7('25'/ '(18''1' 5I51:5' 'E' 1#
6.75'3051'305' 58''' 1.>''2#
05'?55E'1-'.;'69'0.>25' .7#'<0(7-5,<22'49'2.65';'33'E572.1$';.7'
305':25'#.;'(',.8-'1-'30575#
05'575<;#'.;' 0(;.78''13.'(' (765'(;357' 12',5(I'1-''3#
53357''6E7..I56*'.;'9' 658.>52''1' 6915'.>1'0(18#
.65' E;'35' .;' 305' 85257' -7.:18' 49' .252$';7:35$' E0'2'?5'
057452'53<#
05'>..82'(3' (74.:71'(18' .3057>'?5'3.'45'2:7I598#
.'3(?5'305',5(25'.;' 930';7.6' 5(,52' G5<$'.7';7.6' (91(78'9;'
'3'45'1.3'953'8..1#
b;# F$,dK' .'2:7I59'305'>..82'(3';(74.:71'(18' .3057>'?5'(18'3.'0:24(18'
3056#
.'2:7I59'305'>..8'(18' 96457':E.1' 9' 7523'.;'69'>9152',(18'
(2'>5,,'Q.'13:75'(2'.3057>'25#
.''6E7..I5'305',5(252'.;'69'>9152',(18'(2'3059'5GE975#
';5-2# # ;' .159#

/B #a # # $ /B # C

.' '6E7. . I5' 7(9' >051' '3' ;(,,52#
(35' . ;'305' ',,57' ; . 7' 69' -7'23' . 7' 305' 2(65' '1' ?918#
05' 751 : '1-' 69' 5(25' . ;'305' 58. >2' ;7. 6' 5189#
. . ?'1-' '13. ' 69' 47. 30572' (,52#

/// , /' / % /'' /) , /
Or' 2 : 79' I ' . ;' 69' 2'2357' 7# E. 73'. 1' (18' 305' 7523' (p' 3. ' 305', (18#
05' <. 691-' '1' . ;' 69' (# (-# . 913 : 75#

' ' '. 2' % /

3 , b;# FH#a

<3# H$/B L# D' ' * ! ' D' %
.' ' 0#$ R : 123' # # B *' 2'1# 8'5' b=a
.' 69' ' . ;' (,24o# F *' 2'1# 8'5' b*Ua
b/ #a .' 7' 79 6523. 15' # *' '5# 15G3' b*Ua
.' ,8,9 ################## / ' E a
b #a .' (96 (1' # # # # / ' E7# b=a
.' . ,30'723' # # # #
[.' 7' 57I52' # # / ' bB a
b 91533 .' 52,'1-' # # # # /
.' 9^87(E57' b47(820(5a' R ' @ : #
.88.78' : EO# @ : # 8' G35,E : 3' 854R!#
7935' 6575# E57' 4',,#
9<04# ,91# 87(E#
5191-(' : E4. ,#
.' (14 : 79' # # # # ' H *
.3<06#
: ',,(: 65# : 6' 3. 3' # # / BB#
?91157#
,(2'<7#

C D' ' ' % '
.' *= '<0# '<?52'
b C#a .' : 73. ;3' # # # # ' / L' @ : # / '
.' . ,,9# # # # ' @ : # ' R / a
/H ' E .' . ,,2 ################## /B ' @ : #
b .' '<?(72' .' R 0' 7. ;32'# # # KF '
(62' /B#] .' 91(,,' : E# 75,,2',5# '
7(824(5'E(' /B# .' . . 30' 0',,'3. ' # #
(7'2. ' 87(E' B# b 9<04. : 71',915' 87(E *a
.' (1153' C# a

' 7'8-53$' 0'2' >';5=2 9. : 1-523' 2'2357#
' Q 9 (89' (-'1-3. 1' A (<?'1-3. 1D$' 0'2' >';5=2' 6 . 3057#
M% ' H$/B L# 05' >. 782' (18' <7. 2252' >'3,''1' 47(<?532' (75' (8858' '1' '1?' . ;' (1. 3057'
<. , . : 7' (18' ' 30'1?' 49' (1. 3057' 0(18# 05' 7523' 75E752513' 305' E(-5' (2' . 7'-'1(,,9'
>7'3351# ;'305' 1(652' >0'<0' ; . ,,. >$' (18' 305' ;'-: 752' >0'<0' 23(18' ;''K23$' 25157(,' (75'
<7. 2258' . : 3' I 'M# '1' ;# FH$' 305' 1(652' 79 6523. 15$' 57I52$' (14 : 79$' . 3<06#$
: ',,(: 65$' ?91157$' ,(2'57$' . 8,'5(78$' 7'35\# (18' 305' ;'-: 752$' ' A/# BD$' / '
' L' (18' / D$' / L' $A/K / D$' ' A/# D$' ' ! ' D# 1' ;# FH$' 4$' 305' ;'-: 752$' ' @ : #
8<' /D$' /L ' B ' /H ' A/# D$' L ' @ : # ' E# A/# HD$' KB ' ! ' D$' F ' B ' E**! ' CD$' '
D$' ' A/# LD$' /H' ! ' /FD$' (18' (9. 7' R ! ' / D#

L$ /B # L

9 :<0# (3# 1.3 '17.3:,#
9 .# E(3# > ! :3 2:'=751n#
(18 3. .15 7.>1 (4.:3 (:35 @: 49 # .152#
(18 49 3(3# 3. # 6 '30 95(72 2'1<5 2(3'2;'58#

3 , / + * %, /) # , , %, $ b;K F $ 4#a
7.33#
,8576 (1 .65#
'8# E51257#
',,2#
57QU# 5(,#
'22057 (18 (:;;55,8#
'62.1 .,826 '30#
'# 0.12.1 .; 7('52 115#
*= # 91(,,#
,, 75<?.191-52 (4.:3 69 :1<,5 ..?5=2 >',,#
.33 .; .,<052357#
E51257 69 47.3057 13# (1#
..757 E.305<#
752?.33# .,826 '30#
=! (E3'23 '<?2#
; 5# 515,,#
  (,# .E5#
.2F &$C%/3 () / 11$
$310 =+1&1$/
9115 87(E57#
  0# 0(,,.157 (18 (,357#

54# / $ /B C# 05 # (22560,58 0'2 :8-52   D % b;# B#a
  45;.75 305'7 '7 :3E (E8 ;.>18 ;(:,3 >'30 6 :,3'3:852
.; E7.0'4'<'.12 9 E(73'<:,(7 >-(I5 305 .<<(2'.1$ >(2 305
<.6E,('132 .; 9 7s2'8*^ .; (,52 (18 .730 9 # >(2
I5056*' (18 2('8 30(3 6.75 0(8 4551 -7(:1358 '1 H 95(7 .;
0'2 (91 3051 '1 H .;;.7657 3965 2('8 30(3 1.?'1-8.65
0(8 6.75 0.1.7(4,5 .>732 .; :23'<5 4:3 (-(915 1.15 >(2

, .,'<'3.7=2 E(3513#
F / $/B C# 0'2 45-'12 ('15>'E(-5$23',,'>'30'305'05(8'1-' 3 '&) b L$
/B $45'1-' (EE(7513,9 (1.35 .7'-'1(,,9 6(85 .1 305 / 30 .; 5471(79$ /B CK $(18
1.> 37(12;57758 3.'305 15>' 1.35K4..?#
E.1 305 2:405<3 .; 305 ;'7(3 3>.' E(7(-7(E02$ 255 7# 5(30=2 E75;(<5 3.' 305
,5-' (7-:6513 .1 305 :7'28'<3'.1 .;' 305 (7<052# '3# (18 7.;# .7?2$ ''#
E# BL#

6 .75' :7258' <. : ;: 2' .1' (18' <. 13513' . 1' . ;' E7. 0'4'<' . : 2' 25(6 58' 3. ' (EE750518' 305' 8'237'4 : <'d1' . ;' Q: 23'<5' (;357' 9^ 751<0' 6 (1157' >(2' 453357' ;. 7' 9^ E5. E,5' (18' ;'3357' ;. 7' 0'2' -75(,15225$' 2(951-' 9U 30'2' <. : '=25' 3. ' 87(>5' (,,' 30'1-52' 3. ' 5236 '12357' >(2' 3. ' 6 (?5' 0'6 ' # (2' '3' >575' . ;' 9^ # ,5' . ;' 7(: 1<5' (18' 1 . 3' . 3057' E7. I '1<52$ 2. ' . ;' (' E*R<'1<3' (4 . : 3' . 1J 8 .1' (18' 5236 '12357' 1 . 358' 6 (3357' . ;' E7. ;'35' >(2' 305' <(: 25' >09' 9^ : 8-52' '6 47(<58' 2. ' 6 : <0' >(7158' (' 2: 7<5(1<5' . ;' -7(: 13'1-' E7. 0'4'<' . 12' ; . 7' 305' I (<(<'d1' ; . , . >'1-' >'30' (' 8'2J ,'?5' 3059' 20. : ,8' 05' -7(: 1358' K4 : 3' '1' . >73$' (18' 205>8' (' E: 7E. 25' (3' 2. 65' 39 6 5' 3. ' 05(7' 0'6 25,;' 305' 6 (3357' (18' '. ' 85;'15' . ;' '3$' 30. : -0' 05' 2E513' 6 (19' 8('52' (4 . : 3' ' 3 W 5' 2(98' 3059' E: 33' 305' 2: 4Q5<3' 3. ' (13(, : 2' E(915' 30(3' >051' 05' 30. : -03' 3. ' 3(?5' 305' ;7: 35' . ;' 0'2' 2: 35' '3' ;,5885' ;7. 6' 0'6 #

b;# FB$' 4#a' 05' Q: 8-52' >575' '1' 5;;5<3' 2',U W 4 : 3' 1. 35' '3' 0(8' 4551' 5(29' 3. ' (>1K' 2>575' >'30. : 3' . ;;5125' 30(3' 305' '1<75(2' 6 . : -03' 45' (2' 0'2' # 2(98$' 4 : 3' 3,'(3' 305' @: 2523'. 1' >. : ,8' 45' >053057' '3' -75>' 4'<(: 25' 305' . >732' (4. I5' '6 47(<58' 6 . 75' . 7' 9U 305' ,. >57' . >732' E^ : 658' 6 . 75' 3051' '1' ; . 7 6 57' 39 6 5' 307. : -0' 305' '1J <,'1(<'d1' . ;' 9^ 39 6 52' 3. ' E. E: ,(7'39$' (18' 2. ' -(I5' 305' . <<(2'. 1$' (' 30'1-' 5(25,9' 8'2<57158' 49' 5G(6 $' 1. 3' . 15,9' 305' E7. 0'4'<' . 12' (4. I5' 4 : 3' <0'5;,9' 305' 85(,'1-' '1' 15>' 6 (3357' '1' 305' '1;57'. 7' K . >73#

' 25<. 18' 6 (3357' 9^ E7. <558'1-' >'30' 9K (E'232T' >0575'1' 0'2' 2' 8'75<3'. 1' >(2' 305' . 30' . ;' (,,5(-(1<5' 3. ' 45' -5157(,,9' 7('1'23758$' 4 : 3' 205>8' (' 6 ',8' '1<,'1(<'d1' 3. > (782' (2' >575' 1. 3' E. 23(K' 3(12' 2'1<5' 0'2' 39 6 5' 1. 7' E7(<3'2572T' (18' <. 6 51858' 3. ' ;(I. 7' 2: <0' 755232' (2' >. : ,8' 3(?5' 9^ . 30' . ;' ,,5(-(1<5#

%: # 0. >' 305' # 05(72' . ;' 305' 75;. 76' . ;' 85E. E: ,(<'. 1' 30'2' E7. -7522' '13. ' . 730(6 3. 120975#

05' # 2(98' 305' 75I51: 5' . ;' ,50. : 252' >(2' (' ;'33' 75I51: 5' ;. 7' 69

9 ' ' .' '1' ' # U : <0' = (EE5(72' 3. ' 0(I5' 4551' . 6 '3358# E 0'2' (EE5(72' 3. ' 45' (' ;7520' @: 579# N' 05' E7. -7522$P' 2(92' 0(6 457'('15$' > 7'3'1-' . 1' 305' C30' . ;' : ,9$' /B $']' 0. ,82' . 1' 3. > (782' . 730(6 E3. 1J 20'75#P' 1' 305' 2E7'1-' . ;' /B C' 30575' 0(8' 4551' 257' . : 2' 7' . 32' '1' 30(3' <. : 139$' N' '6 857' E75351<5' . ;' ,(9'1-' . E51' 51<,. 258' -7. : 182' . ;' ,(35' 95(72' 3(?51' '1#P' A 55' U . . ?' . ;' 7. <,(6 (3' . 12$= E# /FL#D' 18' (<. 1$' >0. $' (2' >5' 0(I5' 2551$' 8'8' 1. 3' @: '35', '?5' 305' E(73' (22'-158' 0'6' '1' 30(3' 257I' <5$' >(3<052' 3. ' 255' >0(3' '6 E7522'. 1' ('I '2'3' 3. ' 305' E, (<5' >', ,' 6 (?5' 'IE. 1' 305' '1-# 0525' N' <. 6 6 . 3'. 12' (4. : 3' '6, (>; : , '1<, . 2: 752' = 0(8' 45-: 1' '1' (9$' /B C$' 2E75(8' 307. : -0' 6 (19' <. : 13'52$' (18' N' '3' >(2' 1. 3' 3', ' 305' 6 '823' . ;' : 15' 45; . 75' (' 30'2' 23'7' >(2' @: '5358#P' 1' : ,9' <. 6 6 '22'. 1572' 0(8' 4551' 2513' 3. ' '1@: '75' '13. ' 305' . ;; . 1<. 2' (18' 305' -7'5I(1<52$' N' 2. 65' 2: ; ; '<'513' -513,5 6 51' '1' 305' 25157(,' <. : 13'52$' 2: <0' (2' >. 75' ,5(23' '135752358' '1' 305' 4 : 2'1522' . ;' 51<, . 2: 752$P' 45'1-' (EE. '1358' 3. ' Q. '1' >'30' 3056# 55' 4237(<3' . ;' 5-'23572' . ;' # #$' (9$' / /$' L$' (18' :, 9' F#

/ #a # # L$ /B # L/

5(:<0# 9;','5 >575 Q :3 953 9;' 52E(2# 5G ,.3'5$ (
6(9 5G E.3:#
05 .::25,,'(2256 4,58 305 :8-52 (18 5GE,('158 6 .75';:,,9 9^ b;# FC#a
2 8'75<3'.1 3.:<0'1-'75<:2(132 (18 75,'-'.1 6 (33572 :3 25@#
.'Q'75523 3.' 45 5G5<:358 9U >.:,8 3(?5 305 .30 .;' 5-(1<5#
.'E75523 3.' 45 5G5<$ 30(3 >.:,8 <.1;5775 .7 205>8 1.3 (77.K
-(1<9 (18 I'.,51<5$ 5I51 .;' 3056'2E('R'1-,9# 05 2 >..78
>(2$.' 3.77513 .;'4,.>8 W E.51(' (8 E(:<.2#
3 >(2 '1@:9758 >!E75232 >575 '1 -(9,5 '1 5I579 '7<:35$ (18
75E.7358 2?(725 0(,;' (' 8.M51 '1 (,,' ' >** 205>530 1.' >(3<0 .7
25('=<0#
.7 75<:2(132$ 305 15>' 30 305 75;:2(,,' >0575.;'47'1-530 E?! 6:1'75
1.3 3.' 45 3518758 4:3 3.' E.23(3(12 (18 E7(<3'M572 W 30'2 >(2
-5157(,,9 2E.?51 49 9^ #
05 15>' .30 ,'6'358 3.' 05 3518758 3.' F E572.12 # 305 18'358
75<:2U$ 305 .1 .6:1'<(13$ 305 I(-(7(13 E572.1# 18 @:s2K
3'.1'<(65'1<'8513,9$ '305 .30 20.:,8 45 3518758 3.' 9^ .1
.6:1'<(13# 18 '3 >(2 E7.4(4,9 '1;57758 30(3 9;'2.65'.;'
305 18'358 49 9f 2 2E5(<0 >575 3.' 45 2E(758$ (';.73'.75
30.25 >** (75 1.' 75<:2(132#
:3 1.35 9U '3 '2 (' 237(1-5 .12357$ '1.' .611'<(13 9* >',' b;# $4#a
<.65 3.' 0:7<0 (18 1.3 3(?5 305 .30 .;' ,,5(-(1<5$ .7 '3
205>530 0'6 6.75 E.925158 '1 0'2 ,.9(,39 3051 '1 0'2 75J
,'-'.1#
9 #.;' (,2$ (3 9* 39 65 .E9158 30(3 30'2 I'.,513 E7.<558'1-'
.;' 9f E.E5 '1'<.1856 1'1-' 9^ .30 .;' ,,5(-(1<5 >(2 3.' 87(>5
305 # 3.' 4,.>8$ (18 2.' 305 E5.E,5 3.'-75(357 852E('75 (18
(,'51(<'d1$ (18 ;.751.72 3.' 6(,'<5 (18 @:(75,,$ 9 45 3357 3.'
5GE.25 30'2 75(,6 3.' (' E7(9#
.'30'2 9 7<04# 75E,'58 9* 49 9* 75(2.1 >!** 9^ 6.75';:79 ..6
E7.<55858 9^ 6.75 756 '225 >5 20.:,8 45 \ @:.8 .3(#
05(7 >(2 (' 2:35 49 .204.7.>' (18 (79';.7 6.1952 ,5I958
:E.1 .>152 5(258 .;' 2'1<5 FH ,'M# @: 523'.1 >(2
'1 <(25 305 -.I571.72 .;' .>152 0(8 ,5I'58 '3$:1857 <.,.7$

% ' '8.'1.3 6.>' >0.'30'2 20.:,8 45 4:3 8>(78 .78 5(:<0(6E$
>0.' >(2 3.' 45 <75(358 (7,.;' 573;.78 .1 305 85(30 .;' 305 3051 (7,# 55 (4.I5$
E# CL$ 1# /# 3 (EE5(72 ;7.6 (',53357 .;' 0'2 3.' (,'24:79 A # # .6# (652 #D
' (9$ /B//$ 3,'(3 2.65 <.6E,('13 0(8 4551 6(85 .;']0'6 3.' 0'2 ;(3057 (18 X
>051 05 8'58 '1 :,9$ /B/ $ >5,5(71 ;7.6 0(6457,('1 30(3 0'2 ;(3057 N3..?' 0'2
85(30 6.75 -7'5I.:2,9 30(1 >(2 5GE5<358#P 3 6(9 45 30(3 05 >(2 (' 87:1?(78$
>0'<0 >.:,8 2::,,<'513,9 5GE,('1 305 '1-=2 (,,:2'.1# '30 75-(78 3.'] 52E(J
2'(1 5G ,.3'.$P 255 E.EO305-62$.# /CH# A '3# (18 7.;# .??2$ ''# E# /HL#D
' ' 575';.,,.>'30755 E(-52 05(858 3 '& ' $/B 'T '2:EE.25'
49 6'23(?5#

> <2 21 ' 3' < 12' " ;' ;1 ' " ' R + $'

^)' > Q' 098'1-' '3' ;7. 6' 0 ' 6 5(157' 2. 73' (18' <. 1I573'1-' '3' 3. ' E: 4,'?5' :252# 0. : -03' ;'33' 305(7' 20. :,8' 45' (' <,(: 25' 3. ' 2: 4 6 933' 30(3' <(25' 3. ' . 7857$ 4 : 3' 1. ' ,9?5,90. . 8' 49<(: 25' .,,553. 72' >575' 1. 3' 1(6 58' 49' 9Ñ . >1Ť . 35' 30. : -0' 2: <0' ;7(: 8' >575' ;. : 18' 953' 305' 6 . 19' '2' 1. 3' 9Þ 2' 4 : 3' -c' E5. E,52#

:44# 8'2(8I(13#
:13572' <(: 25
5E. E:,(<'. 12' ' b 9852a
:,,572' 5G(6 #
7. 0'4'<# ' b85;5<3# '3a
,50. : 252#
453357' (3' 20';3' 3051' (3' 87';3'
:43','3(2' 2'15' (<7' 6 . 1'(#
.' E. >7' >'30' 305' Q: 8-5'
5' >',' (,357' (' 30'1-' 4 : 3' 1. 3' 1'518'
05' E: 332' '13. ' E(35132' (18' 855852' > . . 782' 1. 3' . ;' ,(>5' 4 : 3' . ;'<. 651' 2512' (18' 8'25. : 72#
;. # 5' 30(3' 0(30' 2. ' 6 : <0' 25I57(,,' 3. ' . I57<0(7-5' 305' . '0. 1$ > 051' 05' '1-7. 2258' 87(>'1-' . ;' 4. . ?52# .<'(4,5' 2(I5' '1' E7. ;'35
;. # 5' 8. 30' 85E. E:,(35' 6 9' . ;;'<5Ť . 3057>'25' <(,,58' R' '1<,. 25#
b;# F $ 4#a ' 15I57' ?15>' (19' . ;' 2. ' -. . 8' (' 2E5(<0' >N' (' > . . 72' E5115#
. 30'1-' 453357' '1' <3'. 1' 3051' 3. ' ?1. >' > 0(3' 3. ' E57K' 6 '33' (18' >Ů 3. ' E#2<7'45# 53' 1(3: 75' > . . 7?' 2. 65>U#
05' 4',,' . ;'755:2*^' 0'2' E5115#
05' <155 5' E: 33530' <(252' '1' 0'2' 8'75<3'. 12$
. ;'/ R 7EQQ-' 5G(6' . ;' ,5(# 05' 4: 3<057' (18' 305' . 3057' ,5(' 52<(E58#
X . . 5615-. . 25# 05' 257I# . ;'85E. E:,# 5' (18' 91# >5(?' (18' <. 7K 3(3<,9' ,5(23' >92. 1. 88' 7: E3#
<7(;39# 059' QQ5' 15I57' 45(32' 8. >1' '6 833' 2: 352' >*?Ů,(>5# 0(75' 6(85' 0'6' 45,5515 1' E572. 12' (2' 1' E5. E,5$ 2. 65' 205>' 6 . 75' >' 25' 3051

: ' ,''2' >(2' . 1. ' . ;' N' 305' 30755' 7523'3: 3'. 12' P' . ;' >0'<0' (<. 1' 756'182' 0'625,;'3. ' 2E5(?' 3. ' (,'24: 79' W E# HF# 55' 1. 35' # * ' : 44(78=2' A '7' 5179' . 4(73=20' 8'2(8I(13(-5# <|' (4. I5$ E# $ 1# H' Q (18' '137. 8: <3. 79' 756(7?2$ 8 ' FH# 05' >0. ,5' . ;' 30'2' 1. 35' '2' <7. 2258' . : 3' '1' 305' #

/B #a = 3# # L$ /B # <>

: ' ' ' ' 3CH 333

.' ; : 71'20' 6 9' # . ;' ' .71(6*^' ; . 7' E : 4,'?5' 2E5(<052#

.' 6 (?5' 0' 6 ' 30'1?' 0 . >' 05' 20 . : ,8' 45' 75 I 5751<58' 49' (' # 0]!' 9 ;'
' > 575†' 7'1<5,'?5#

.' E725E(75' 0' 6 ' ; . 7' 6 (33572' 3 . ' 45' 0(18,58' '1' . : 125,,' . 7' 45; . 75'
305' # (; . 750(: 8' (18' 3 . ' 205>' 0' 6 ' (18' 955,8' 0' 6 ' 9^' ;7 : 352'
. ;' 6 9' <(75#

5- : , (7,9' 3 . ' ?1 . >' 305' 2' E,5(2 : 75' 45; . 75' 5 I 579' 57 6 ' (18' (- (91' b;# FL#a
45; . 75' 5 I 579' (<(3' . 1$ 05' . 15' ; . 7' 257 I '<5' 3 . ' 45' 5G5<: 358$' 9^'
. 3057' ; . 7' 257 I '<5' 3 . ' 45' EŒE('758$ (6 ' . 3 '" 7(3' . ' @ : (6 ' 15- . 3 ''#
%# ,'M# > (3<0' <(185,,#

.' 3(?5' 1 . 352' '1' (4,52' > 051' ' (33518' 9^' . : 125 $' (18' 2 . 6 5K¶
39 6 52' 3 . ' 6 . . I5' . >3' . ;' (' 56 . 7'(,,' 205>8' (18' 2551#

.' 0(I5' E(73'<: , (7' . <<(2' . 12$';'33' (18' -7(35; : ,,' (18' < . 1391 : (,,$' 3 . '
6 ('13591' E79 I (35' 2E5(<0' >*]* 5 I 579' 9^' -75(3' E572 . 12' (18'
2 . 6539 6 52' 87(> '1-' 6 . 75' 3051' . 15' . ;' 305 6 ' 3 . -53057# G'
6 '3(3' . 15' 33# 0'2' 2E5<'(,,9' '1' E : 4,'?5' E,(<52' (18' >*=. : 3'
<(75' . 7' (; ;5<3(3' . 1#
@ : # ; . 7' <758Ù†' 4 : 3' (2' 3 . ' 2(I5' 39 6 5'Ç (18' 3 . ' 30'2' 518' 1 . 3' 6 (19'
30'1-2' (3' . 1<5' 4 : 3' 3 . ' 87(>5' '1' ,51-30#

.' 0(I5' 75(89' 3 . ' 6 . . I5' 2 . 65>Ù 5 I 579' 23(7<0$' 8(9' '1' '13571#' <. 6 #
. ;' 257 I '<5#

3' . : 125,,' 3(4,5' <055;,9' 3 . ' 6 (?5' - . . 8' 6 9' # . ;' (,24# 6 . <' . 12'
(18' 2E5(<052$' (18' ; . 7' 305' 7523' 2 . 65' 39 6 52' . 15' 2 . 6539 6 52'
(1 . 3057' <055;,9' 0'2' 9Ù '2' 6 . 23' 5(71523' (18' '1' (; ;5<3' . 1#

.' 2 : EE7522' (3' . 1<5' 6 9' 2E5(?'1-' >*Ñ*E(13'1-' (18' ,(4 . 7' . ;' 475(30'
(18' I . 9<5#

. 3' 3 . ' ; (,,' : E . 1' 305' 6 (915' 3 . ' 2 . : 8(915' 4 : 3' 3 . ' '18 : <5' (18' '1357J
6 '1-,5' 2E5(<0' . ;' - . . 8' ; (20 . 1#

-' 5 ' ' ' 9' . 78' . ;' : ; : . ,?$' ' 2 : EE . 25# 2' . 78' 0 . 6 (2' . > 8' 05' 0 (8'
257 I 58' > '30' 8'23'1<3' . 1' '1' 25157(,' . ;' 305' 25(Ki . 9(-52' (-('123' E('1D' '1' 305',(357'
95('K' . ;' ,'M(4530†' >(2' 6 (85' 7' I 9' . : 1<',,. 7' (18' . 78' 0(6457,('1' 49' (6 52$'
F' (9# /B F$' (18' (7,' . ;' : ; : . ,?' '1' 305' ; . ,,. > '1-' : ,9# ' 6 (1' 6 : <0' (4 . : 3' 305'
E572 . 1' . ;' 305' '1-$' (18' 7'2'1-' '13 . ' 6 E . 73(1<5' (2' (' . : 1<',,. 7‼ 30 . : -0' '3' 6 (9'
5(2',9' 4 . ' 2 : EE . 258$' <. 12'857'1-' 305' 1(3 : 75' . ;' 0'2' . << : E(3' . 1' '1' 5(7,'57',';5$' 30(3'
(<. 1=2' 05,E' > . : ,8' 0(I5' 4551' : 25; : ,' 3 . ' 0' 6 ' '1' 305' 4 : 2'1522' . ;' (' 23(3526(1#
I ' ' (' O %)% ' ' 18' (2' 69' - . . 8' . ,8' 6 '237522' > (2' > . 13' 3 . ' <(,,' 65'
057' > (3<0K<(18,5$' 45<(: 25' '3' '0,5(258' 057' 3 . ' 2(9' ' 8'8'<. 13'1 : (,,9' 4 : 6 ' A(18' 953' 205'
2 : ; ;5758' 65' 3 . ' > (235' (,6 . 23' 3 . ' 1 . 3,''1-D$' 2 . $P' 53<# A 53357' 3 . ' 305' '1-$' F/' (9$'
/B/ #D
* -' % ,' -' N' I579' 3(7<0(6457' 8(9$' '1' '13571(,2' . ;' <. 6 6 '22' . 12' . ;'
257 I '<5#P' 05' 3(7<0 . 6457' 2(3' . 1' 51579' 58 : 528(9' (18' 7'8(9' 8 : 7'1-' 3576#

<b

b7# FL$ 4#á .' :25ℝ(3' .1<5' :E.1' 5137(1<5' -9I51' .;' E5(<0' 30.:-0' (47:E3' 3.'
<.6E.25' (18' 87(>5' '1' 69' 25,;#
.' ;755' 69' 25,;' (3' .1<5' ;7.6' E(93' .;' ;.76(,'39' (18' <.6E,56Ú
30.k-0' >*ℳ 2.65' 205>' .;'<(75,5221522' E7'85' (18' 7:851522#

F' ' #

5E.E:,(<'.12$ '1<.,1' (18' ;:7857' E7.<558'1-$ G;.7820'75#
:',8'1-2' (18' 305' 1,(7-56*' .;'9ᴿ .6'22'.1#
13(9,52' 30(3' 9ᴿ <.>'=25' 49' -7(13' (18' 751857$ 30(3' '2' 49' -7(13'
;7.6' 305' 2:4Q5<3' :E.1' 9ℝ >7933' .;' .I51Ú 47.:-03' 49' 9ᴿ #
(18' 751857' 49' 305' # 05'-..8#
:,,572' <(:25 \ @:#.;' (<05,57' (18' (1G5,,#
G=.0'4'<'.12' (18' <<,52'(23'<(,,'<(:252#
.231(3'# 05';'1'20'1-'.;'69' 7-:6Ú(18'E:4,'<(<'d1'.;'305'7523$'
b;# H #á 05' @:(,,'1-'305' (>52'.;'9ᴿ ' '1-8.652#
05' 5<.7(E9,'1-'.;'305' (>52'.;' 1-,(18#
:352';.7' .1<5,56*^$ 'EE57$ 4.,3.1$ 57>' (7>'?5$ 0:7,9#'
(76(12'2:35';.7'5@:(,,'1-' :23.652'.;'15>'87(E57'52#
:35'.;'3(G(<'.1':E.1' 11h2#
:35'-7.>1858':E.1'9ᴿ.,8'23(3:32'.;'E7'<52'.;' (95#
:35':E.1' (3'3(32$ 9ℝ 2';915''2'1.>'523(4,'2058#
:35':E.1'9ᴿ# 6(?'1-'.;' (3'3(32#
'3,5'.;'87.>18',(182#
9305 2'.>3'.;'E(7'2052#
:7'" 5-'1s#
:13572' (:25#
7sE(7(3'.1'(-('123' 15G3' (7,(60
.7'5@:(,,'1-',(>52'3.'E'=.<558' >*** 69' 530.85' (18'3.'205>'9ᴿ
3'3,5'.;'E^7.-(3'I5' (2''3''2'8..1#
.3# ;5.8(,,2'8..1'49' 7(--5'E57',,.:2'3 ' .1(7<0'52'¶ @:#
:,357':2'85':1'I572.'23.'15-.3'.#
b;# H $ 4#á .' 75 6 5 6 4# 69' # .;' '1<.,1';.7' 6(3# .;'85E.E:,(#

- ' (96513#
% ' ' 05'2'G'E(7(-7(EO2' >0'<0';.,,.>' (75'(,,'<7.2258'.:3''1'305'
#
3 ' 0 ' ' 9 ,'53<# 0(3''2$ 3,'.'756.I'1-'.;'305'8'2<75E(1<'52'453>551'
305',(>2'.;' 1-,(18'(18' <.3,(18# 55' N' 75E(7(3'.1';.7'3,'5' 1'.1'.;' (>2$P'
'3#'(18' 7.;# .7?2$ ''# E# CF/# 0'2' 45-'12' ('15>'E(-5$ 05(858' N 7(12E.73n3#
:,9'F/$ /B ' #P
O B ' 0.6(2' (7>'<?' 0(8' (' E(3513';.7'<.1<5(,58' 75132# A # # .6#
(652' #$'C' E7',$ /B L#D
" ' '7' 0.6(2' 7('-'ℳ 255'(4.I5$ E# H $ 1# F# 05',(23' 5'-03' E(7(-7(EO2'
(75'<7.2258'.:3''1'305' #$(2' >5,,'(2'305'15G3' 5'-03$ >0'<0';'',,('7520'E(-5$ 05(858'
N' 7(12E.73('# :-# $ /B #]

,

/B8 #!' #^ # H

A 305 656.7(18(''1 305 ;.75-.'1-1.35K4..?$.; 257I'<52 3. 45 (3351858 3.$ 305 E7.Q5<32 .7 8'2<.I57'52 .; '7 35E051 7.<3.7 75<:7 6.75 ;75@:513,9 E570(E2 30(1 (19 .3057 (18 3. 3056 305 E(E57 >0'<0 <.652 15G3 '1 8(35 75;572# !

'7 35E051 7.<3.7 0(8 4551 56E,.958 ;.7 2.65 95(72 '1 -(3057J '1- ;'152$ 85432$ 53<#$ 8:5 3. 305 7.>1 (18 0(I'1- 8'2<.I5758 (I(7'539 .; (4:252 '1 305 5G'23'1- E7(<3'<52$ 0(8 6(85 2:--523'.12 ;.7 305 <.775<3'.1 .; 3056$ >0'<0 >575 75;57758 3. (<.1 ;.7 4'2 75E.73# (19 .;30525 2:--523'.12$ \ (18 305 6.23 '6E.73(13 A30.:-0 1.3 2. 6:<0 ;.7 305 4515;'3 .; 305 G<05@:57 (2 ;.7 305 5(25 .; 305 E5.E,5$ >0. 0(8 3. E(9 05(I',9 3. '1;.76572 ;.7 305 E7'I',5-5 .; 1.3 45'1- E7.25<:358D$ \ 75,(358 3. 305 5G(<3'.12 .; ;'152 :E.1 E51(, 23(3:3521 (18 30'2 45'1- (6(3357 '1 >0'<0 (<.1 0(8 (,>(92 4551 :7-'1- 305 15<522'39 .; 75;.76$ 05 1(3:7(,,9 3..?' 3 :E ;'723$ (18 75E.7358 3. 305 '1- 0'2 .E'1'.1 .; 30(3 E(73 .; '7 35E,'51=2 E7.Q5<32# <.E9 .; 0'2 75E.73 '2 E75257I58 (6.1- 305 (7,5'(1 (1:2<7'E32# 3 45,.1-58$ 30'1?$ .7'-'1(,,9 3. 305 4..?' 513'3,58 M ,7% , , % % * $[* 45'1- >7'3351 '1 3,'5 0(18 .; .15 .; 305 2<7'452 56E,.958 '1 30(3 <.,,5<3'.1$ >'30 305 05(8'1- (8858 (;357>(782 A(2 '1 6.23 .; 305 .30572D 49 (<.1 0'625,;# 3 (19 7(35$ '3 '2 (>5,,K (:30513'<(358 <.E9 .; (E(E57 >0'<0 05 30.:-03 >.730 E75257I'1- (3 305 3'65$ (18 3,'(3 '2 305 ;(<3 >'30 >0'<0 >5 (75 <0'5;,9 <.1<57158# 05 8(35 '2 1.3 5G(<3,9 23(358 4:3 305 5GE75''2'.1 N >'30'1 ;'I5 95(72 .; 9.:7 (Q5239=2 0(EE9 75'-1P 6(9 45 3(?51 (2 (E7..; 30(3 '3 >(2 >7'3351 45;.75 305 518 .; (652=2 2'G30 95(7$ >0'<0 >(2 <.6J E,5358 .1 305 F78 .; (7<0$ /B KL (18 2:'32 >5,,51.:-0 >'30 305 2:6657 .; /B $ >0'<0 (EE5(72 .3057>'25 3. 45 305 6.23 ,'?5,9 8(35#

6.1- 305 (128.>1 (1:2<7'E32$.# /BC$ (75 25I57(, E(E572

= 55 E# L$1.35 H#

L <2 22 ' 3' < ;2' " ' ;1 2C= ' " ' R + '

3>.' E7'1<'E(,' E.'132$' (18' <573';9' 69' .E'1'.1' 30575.;' 75257I'1-' 305' 7523' (2' (' 205(;' 49' 65$ 3.' 87(>' .:3' (3' ;:73057' 3'65';:73057' 6(3357' ;.7' 9.:7' (Q5239=2' '1;.76(3'.1' ;.7' 2.' 6:<0' (2' ' 20(,,' <.1<5'I5±3.' 45';'3' .7'>.7309' 305'<.12'857(3'.1#

.7' 30(3' E(73' 30575;.75' .;' 30525' E7.Q5<32' >0'<0' <.1<571530' E51(,',(>2$ ' 8.';'18' 305' E:7E.25' (18' 2<.E5' 3.' 45$ 1.3' 3.' E7522' (' -75(357' 7'-.:7' .7' 25I57'39' '1' 305' 5G5<:3'.1' .;' QD51(,',(>21' 4:3' 3.' #75E7522' 305' (4:252' '1'<.66.1' '1;.76572$' (18' 2.65' <,57?2' (18' :1857K6'1'23572' 30(3' ;.7' <.66.1' -('1' E(73(?5' >'30' 3056#

.7' ';' '3' 0(8' 351858' 3.' 305' .3057' E.'13$ ' ;.7' 69' E(73' 20.:,8' 45' I579';(7';7.6' (8I'2'1-'9.:7' (Q5239'3.'-'I5'5(7':13.''3# .7' (2' '3' '2'2('8' '1' 305' E2(,6# ' ,'5 ,,' 'D' 4 ' ' B'9 ' ' ' ,'9 ' -' D ' 'A'2.''3''2'6.23'<573('1$ 30(3' 9.:7' E5.E,5' '2' 2.' 5121(758' '1' (' 6:,3'3:85' .;' E51(,',(>2$ 30(3' 305' 5G5<:3'.1' .;' 3056' <(11.3' 45' 4.715# 18' (2' '3' ;.,K' '.>530T' '9 ' ' ' %-,' ' ' - 'D' K 2.' '3' '2' (1' '13576'G3:75' .;' 657<9' (18' Q:23'<5' 30(3'>',,' 47'1-' 9.:' ;5(7' (18'.458'51<5W ;.7'3..' 6:<0'7'-.:7' 6(?52' E5.E,5'852E57(35# 18' 30575;.75'3.',5(I5'30'2$ >0'<0'>(2'305' .1,9'4,56'20' .;' ?'1-' 5179' #=2' 75'-1$' (18' 305':1;.73:1(35'257I'<5'.;' 6E2.1'(18' :8,59$' >0.6'305' E5.E,5=2'<:7252' 7(3057'30(1' (19',(>' 47.:-03' 3.' .I57307.>'T' 305' .3057' >.7?' '2' (' >.7?' 1.3' .1,9' .;' E7.;'3' 3.' 9.:7' (Q5239$' 4:3' .;' E'539' 3.>(782' 9.:7' E5.E,5# .7';'';'3' 45' 37:5' '1' (19' E7.E.73'.1$' 30(3' >'30'1' 30525';'I5' 95(72' .;' 9.:7' (Q5239=2' 0(EE9' 75'-1$' 30575' 0(30' 1.3' ;'I5' 0:18758' E.:182' 4515;'3' <.65' 3.' 9.:7' (Q5239' 49' E51(,',(>2$ A305';'152' .;' 305' 3(7K<0(6457' >0'<0' (75' .;' (' 0'-057' ?'18' .1,9' 5G<5E3D$ (18' 953' 15I57305,522' 30575' 0(30' 4551' (' <0(7-5' .;' (3',5(23';';39'30.:J 2(18' E.:182' >0'<0' 0(30' 4551',('8' :E.1' 9.:7' E5.E,5$ '3' >575' 6.75'30(1'3'65''3'75<5'I58' (' 756589#

0'2' 756589' 0(30' 4551' 2.:-03' 49' 8'I572' 23(3:352!' (2' E7'1<'J E(,,9' 49' (' 23(3:35''1'/ f$' (18' (1.3057' .;' F/f$.;' 305',(35'%:551' .;' 0(EE9' 656.79# :3' ' (6' .;' .E'1'.1' 30(3' 305' (EE.'13'1-' .;' (1' .;''<57' E7.E57' ;.7' 30(3' E:7E.25' >',,' 8.' 6.75' -..8' 30(1' 3>5139' 23(3:352$' (18' >',,' 8.' 30(3' -..8' 5;;5<3:(,,9$ >0'<0' 30.25' 23(3:352' ('6' (3'13513'.1(,,9#

18' 30'2' ' 8.' (,,.>' .;' 305' 453357$ 45<(:25' '3''2'1.15' .;' 30.25' 15>' 2:E57'1351851<'52' >0'<0' ' 255' 6(19' 3'652' .;;5758' :E.1' E75351<5' .;' 75;.76(3'.1$' (2' ';' :8-52' 8'8' 1.3' 305'7' 8:39$' .7' (1<'513' (18' 2>.71' . %<572' 8'8' 1.3' 305'7' 8:39$' (18' 305',?5W 4:3

/B #d ‘ ‘ ‘ ‘ +‘ ? ‘ << '3‘'2‘ .1,9‘3.‘253‘ (‘ <:23.2‘ .7‘ >(3<36 (1$‘15'3057‘ .157‘ :8-52‘1.7‘ <,57?2$‘4:3‘ .1,9‘.157‘ (‘?'18‘ .;‘E5.E,5‘30(3‘<(11.3‘45‘2:;;'<'513,9‘ >(3<058‘ .7‘ .157,..?58$ (18‘ 30(3‘'2‘305‘<.66.1‘ ‘.7‘ ‘ 305‘1579‘(>5‘(18‘1.'25‘>0575.;‘>',,‘8.‘ 6:<0‘ -..8$ (18‘305‘E7(<3'<5‘6:<0‘6.75# ‘>',,‘30575;.75‘253‘8.>1‘;'723‘>0(3‘'2‘305‘(4:25‘.7‘'1<.115J 1'51<5$ (18‘3051‘>0(3‘'2‘305‘7566589‘>0'<0‘6(9‘45‘5GE5<358‘ ;7.6‘305‘'18:2379‘.;‘30'2‘.;;'<577‘ (18‘ ‘>',,‘8'1'85‘'3‘'13.‘3>.‘ E(732W‘305‘.15‘ ;.7‘30(3‘30(3‘6(9‘<.1<571‘305‘5(25‘.;‘9.:7‘ E5.E,5$‘A;.7‘>'30‘30(3‘ ‘>',,‘<7(15‘,5(15‘3.‘45-'1$‘(2‘?1.>'1-‘'3‘ 3.‘05‘E7'1<'E(,‘'1‘9.:7‘ (Q5239=2‘'13513'.1$D‘(18‘305‘.3057‘;.7‘ 30(3‘30(3‘6(9‘<.1<571‘9.:7‘ (Q5239=2‘4515;'3#

" % ‘ ‘ ‘ ‘ ‘# . -:‘ D. % ,‘ ‘ ‘* 4 ‘ D-‘% ‘

3 ‘7D ‘ ‘ % * % 3 ‘N ‘D-‘ ‘ -‘ ‘ ‘M %

/# 1‘'1;.7657‘5G0'4'32‘(1‘'1;.76(3'.1$‘(18‘'1‘30(3‘.15‘'1;.76(3'.1‘05‘>',,‘E:3‘(1‘0:18758‘2515 7(,‘2:4Q5<32#‘ ;‘30'2‘'1;.76(3'.1‘5I579‘.15‘20(,,‘3(?5‘.:3‘<.E'52$‘(18‘51579‘.15‘20(,,‘E:3‘'1‘0'2‘2515 7(,‘(1J 2>57#‘ 0'2‘>',,‘<.23‘E570(E2‘(1‘0:18758‘6(7?2W‘30(3‘8.15$ 1.‘;:73057‘E7.<558'1-#‘ :3‘305‘<,57?2‘0(15‘305'7‘;552$‘(18‘305‘'1;.7657‘0(30‘0'2‘8'1'8518‘;.7‘47'1-'1-‘305‘>(357‘3.‘305‘6',,#

3‘'2‘3.‘45‘1.358$‘30(3‘30'2‘15G(3'.1‘'2‘1.3‘653‘>'30‘49‘(19‘23(3:35#‘ .7‘'3‘'2‘1.‘<.6J E.2'3'.1‘0:3‘(‘8'2<.13'1:(1<5$ (18‘'1‘30(3‘<(25‘30575‘'2‘1.‘E51(,39‘4:3‘<.232W‘(18‘305‘E..7‘2:4Q5<3‘>',,‘15157‘2:5‘;.7‘0'2‘<.232$‘,523‘'3‘(>(?5‘305‘'1K

/# 05‘.;;'<57‘49‘0'2‘8','J -51<5‘;'18'1-‘30'2‘<(25$‘'2‘3.‘'1;.76‘305‘<.:73‘30575.;$‘>0.‘ 30575:E.1‘6(9‘-7(13‘-..8‘ <.232‘(-('123‘305‘'1;.7657‘3.‘ 51579‘.;‘305‘2:4Q5<32‘15G58W (18‘>'30(,‘1.3‘2:;;57‘305‘2(65‘ '1;.7657‘3.‘751'15‘0'2‘'1;.76(J 3'.1‘(-('123‘(19‘.;‘3056‘7‘(18‘ ,(23,9‘;',5‘0'6‘(2‘;.7‘(‘6'2J 8565(1.7‘(18‘(4:25‘.;‘Q‘:23'<5# 18‘49‘30(3‘3'65‘(‘;5>‘.;‘2:<0‘ 5G(6E,52‘45‘6(85$‘3059‘>',,‘45‘ 2..1‘>5(79‘.;‘30(3‘E7(<3'<5#

‘

/B F#d ' ME' ' = 1' ' ' # ' / /

18' 05'-5'1' '7' 35E051' (88530' ('1.3(4,5'<'7<:623(1<5W. 30(3' 3059' >',,' E57:25' ('37(85$ (2' .;' 475>572' .7' I'<3:(,,572$ (18' ';' (19'23(18' .:3' (18' >',,' 1.3' 45' '1' ;55$ 3059' >',,' ;':8' 65(12' 3.' 0(I5' (' 8.M51' '1J ;.76(3'.12' <.65' :E.1' 0'6' (3' .1<5#

F# 05' 2:4Q5<3' '2' .;351' ;.7' 305'2(65'.;;51<5'I5G58' 49'2515J 7(,' '1;.76(3'.12\2.653'652' 305'.15'1;.7657'1.3'?1.>'1-' .;'305'.3057' (18'.;351'49'<.1J ;5857(<9$ 3.' >5(79' 305' E(739' >'30' <0(7-5W :E.1' 5I579' .;' >0'<0' -.530' E7.<522$ (18' .;' 5I579' .;' 3056' 05' 6:23' 3(?5' <.E'52' (18' 6(?5'(12>572$ (18' 2.'75,'5I5'0'625,;'49'6.3'.1'3.' 305'<.:73' ';' 05'<(:7' (,,' >0'<0' 6:,3'E,'530'<0(7-5'(18'37.:4,5#

F# 05'.;;'<57'?55E'1-'('4..?' .;'(,,' 305''1;.76(3'.12' E:3''1$ >'30'('47'5;'1.35'.;'305'6(3357$ 6(9'45'6(85'(<@:('1358'>'30' (,,' '1;.76(3'.12' 3.' <.65' '1$ (18' ';' 05';'18'('E75<5851'3';.7' 305'2(65'<(:25$ 05'6(9''1;.76' 2.65'.;'305' (7.12$ 30(3' 49' 305''7'.7857'305'75<5'I'1-'.;'305' ,(3357' 6(9' 45'23(958K' >'30.:3' (19'<0(7-5'3.'305'E(739' (3'(,,' 2.'(2''3'(EE5(7'49'305'8:5'E7.J 25<:3'.1'.;'305';.7657$ 30(3''3' '2'1.3'('2:'3'49'<.,,:2'.1'3.' E7.35<3'305'E(739#

" % ' 'G & 'D ,'9 % ' -' 9'D-' ' ' % ' ' ' ' 9

3 '7D ' ' % * % 3 'N

/# ;357' (1''1;.76(3'.1''2' /# 05'.;;'<57''1'30'2'E.'13' '2'3.'E57;.76'0'2'-75(3523'257J I'<5'3.'305' '1-$ '1'2.,'<'3'1-' ;.7'305' '1-''1'2:<0'2.73'(2','J <51<52' 45'8:,9'753:7158$' 305' 85<5'32'.;'30525';7(:8:,513'<.6J E.2'3'.12'8'2<.I5758$ (18';'152' 6(9'45'253';.7'305' '1-' '1' 2.65'-..8'E7.E.73'.1$ 0(I'1-' 752E5<3'3.'305'I(,:52'4.30'.;

' .
,

.;'305'<. :73$'3. -53057'>'30'('85J <,(7(3'.1' :E.1'0'2' .(30' .;'305' 37:5'2:6!'30(3' 05'3(?52';.7'305' <.6E.2'3'.1# E.1'>0'<0' ,'J <51<5'2.'753:7158$'305'<. :73'2' 3.'3(G'('; '15'; .7'305' '1-# 0'2' .:-03'3.' 45$' 4:3'(2''3' '2' 1.>':258'305',' <51<5'2'25,J 8.6' 753:7158# 18'(,30.:-0' '3' <.13('1'(' <,(:25' 30(3'305' ,'<51<5'20(,,' 45' I.'8' ';''3'45' 1.3' 8:,9' 753:7158$' 953' 305' 6(1157''2'3.'2:--523'30(3'3059' (75'23',,' '1'3576 2' .;'<.6E.2'J 3'.1'(18'2.'3.'.43('1'15>'8(92$' (18'3.',''1-57''3'.1'3',,'('E(7,'(J 6 513'(18'('E(78.1'<.65# ,2.$'>051'305',' <51<5'2'75J 3:7158$'(18'30575:E.1'305' :8-5' .7' (7.1'3.'25225'('; '15$' 30575' '2'1.15';.7'305' '1-'3.''1;.76' 3056' .;'305'1(3:75'.;'305'.;J ;51<5$' .;'305'I(,:5'3.' -7.>'3.' 305' '1-''';'305'2:'3'E75I(',$' .;' 305'(4','39' .;'305'E572.1$'(18' 305',''?5# 9'75(2.1'>0575.;$' 305';'15'30(3''2'253''2'4:3'('37'J ;,5$'(2' $'F $'.7'H 2#$'(18''3' 7:12''1'('; .76',''?5>'25'>0'<0' '8.'1.3'>5,,',''?5'W ;.7''3''2' '% ',>0'<0'E:7K' E.73530'(2''; '305'E(739'8'8'1.3' (19'>(9'2:46'3'0'625,;' (18' 3(?5'305'<.6E.2'3'.1'(2'.;'-7(<5' .;'305'<.:73$'4:3'(2''; '05'8'8' Q:23';9'0'625,;' (18'>575'<.1J 3513'3.'-'I5'('37';,5'3.'(I.'8' <0(7-5#

] 0'<0'E.'13'.;';.76'0(30'('
,'/$C3'2(1,$E.12'J)(/'+&'+,
305'6(3357'(18'305'E572.1'W ;.7' 305' '1-=2';'152'(75'1.3'3.'45' 85,'I5758'(2'6.1592'-'I51'49' 305'E(739' '* 4)' ,'4:3'(2'6.1592'-'I51' '% ')' '(18'.:-03'3.'45''1' 2:<0'@:(13'39$'(2'6(9'1.3'6(?5' 305',(>2'(,3.-53057'37(6E,58' 8.>1'(18'<.1356158# 0575J ;.75'305'.;;'<57'.:-03';'723'3.'45' 6(85'(<@:('1358'>'30'5I579' ,'<51<5$'30(3'05'6(9'0(I5'(1' 595'3.'305'25@:5,'.;''3# 051' .:-03'05'3.'45'305'E572.1'30(3' .:-03'3.'E75;57':13.'305':8-52' .7' (7.12$'(2'>5,,'305'4',,2';.7' 305'3(G(3'.12'.;'305';'152$'(2' 305'.78572';.7'-'I'1-';:73057' 8(92$'3.'305'518'30(3'305'<.:73' 6(9'45'8:,9''1;.7658'4.30'.;' 305'>5'-03'.;'<(:252$'(18'305' 85,(92'30575'1':258'Q'(18',(23,9$' 05''2'3.'255'30(3'305';'152'252258' 45'8:,9'E:3''1'E7.<522'(18'(1J 2>5758#

2.65' -7.:18' 30(3' 305' ;'15' '2' 253' 3..' >5(?#

18' (2' ;.7' 305' '1;.7657=2' .(30'3.:<0'1-' 0'2'<.6E.2'3'.1$ >0'<0' '2'<.66.1,9' ('37';,5$ (18' '2' 305' .3057' -7.:18' .;' 305' 26(,,1522' .;' 305' ;'15$ '3' '2'1.' 8.:43' 3(?51' >'30' (1'5@:'I.<(J 3'.1'1' (2'3(?'1-' 2:<0' (' 2:6' '1' 1(65' .;' (' <.6E.2'3'.1$$ (18' 2.65' -75(357' 6 (3357' 49' 2.65' '18'75<3' .7' <.,,(357(,' 65(1#

,2.$30525';'152'A,'-03'(2'3059' 05D' (75' 25,8.6' (12>5758' (18' E:3' '1' E7.<522#

#' 1''1;.76(3'.1' -.530'.1' 3.' 37'(,$' (18' E(22530' ;.7' 305' '1-#' 1'30'2'<(25'.;'75<.I579$ 305' '1;.7657' >',' 05' 2(3'2;'58' (18' >',' 3(?5'0'2'>0.,5'6.'539$ A;.7'30(3' 05' (<<.:132'3.'45'1.' <.6E.2'3'.1D\' 30(3' 8.15$ 1.15' >',' 45' (3'<0(7-5'3.'753:71'305' ,' (18' 3.' E7.<:75' Q:8-J 6513' (18' 5G5<:3'.1' ;.7' 305' '1-#' .7'305''1;.7657'0(30' 30(3' 05' 2.:-03' ;.7$ 305'<,57?2' >',' 8.' 1.30'1-' >'30.:3' ;552' E('8$ >0'<0'30575'45'1-'1.' 6(1' 3.' E7.25<:35' 30575' <(1' 45' 1.' 6(1' ,'?5>'25' 3.' E(9Q' (18' 2.' 305' '1-' ,.2530' 0'2' 6.'539' >051' 0'2' 3'3,5' (EE5(72'49'I57J 8'<3#

F#' 3' ;(,,530' .:3' 2.653'652' '1''1;.76(3'.12'.;' >5'-03$ (18' >.7309' 3.' 45' E7.25<:358$ 305' '1;.7657' 8'530$ .7' ;(,,2' 3.' E.J I5739$ .7'0'2' 6.:30''2'23.EE58$ (18'953'2.'(2'1.'6(1'<(1'<0(7-5

#' 05' .;;'.57' '2' 3.' ;.,,.>' ;.7'305' '1-$ 30(3' 305' ' 45'753:7158#

F#' 05' .;;'<57' '1'2:<0'<(25''2' 3.' '1;.76'305' '1-=2' ,5(7158' <.:125,$ 30(3' 3059' 6(9'E7.25J <:35';'3059'30'1?';'3#

0'6' >'30' <.6E.2'3'.1$ (18' 2.' 305' 6 (3357' 8'530#

H# 0575' 05' 2:1879' 25'M:752' 6(85$' '1R<(25' >0575' 305' ,(>2' -'I5' 25'M:752$' >0'<0' (75' 75,5(258' 49' (-7556 5132' :18570(18$' (18' 2.' 6.159' >752358' ;7.6' 305' 2:4Q5<3' (18' 1.' 4515;'3' 3.' 305' '1-#

,,' 25'M:752' .1<5' 6(85' .:-03' 1.3' 3.' 45' 8'2<0(7-58' 4:3' 49' .7857' .;' 305' <.:73$' (18' 30575K#' ;.75' 2.65' 51379' .:-03' 3.' 45' 6(85' .;' 3056#

H# 05' .;''<57' '2# 3.' 3(?5' ?1.>,58-5$' .;' 2:<0' 25'M:752$' (18' 3.' -'I5' '1;.76(3'.1' 3.' 305' <.:73' <.1<571'1-' 3056#

0'2' '2' .;' 6.75' 8';' 5:,39$' 45<(:25' 25'M:752' (75' 6(3357' '1' ;(<3$' >0575(2' 2:'32' (75' 6(3357' .;' 75<.78' \ (18' '3' 6(9' 75@:'75' 6.5' E572.12' 3.' 45' 56E,.958$' (2' (3' 305' E.732$' >0575' '2' 6:<0' (4:25#

'$/$' 45' (&'$/' E.'132' >0575'1' &'$' .;' <57' 6(9' 45' .;'-..8' :25$' >0'<0' 6(9' 45' <.6E75051858' '1' 0'2'-7(13' .7' '1237:<3'.12$' >0575J >'30' ' >',,' 1.3' 1.>' 37.:4,5' 9.:7' (Q5239$' ;.7$' ' 0.,8' 30525' 3.' 45' 3,'5' E7'1<'E(,#

0:2' 0(I5' $' (<<.78'1-' 3.' 9.:7' (Q5239=2' 75;5751<5$' <573';'58' 69' .E'1'.1' .;'30(3' E(73' .;' '7' 35E051' 7.<3.7=2' E7.Q5<32' >0'<0' <.1<571530' E51(,' ,(>2$' >0'<0' ' 8.' >0.,,9' (18' 6.23' 0:64,9' 2:46'3' 3.' 9.:7' (Q5239=2' 0'-0' >'28.6' (18'Q:8-6513T' >'20'1-' >'30(,' 30(3' 2.65' <.1;5751<5' 6(9' 45' 0(8' 49' 7# 0(1<5,,.7' (18' 305' (7.12' (18' 305' 7523' .;' 305' 5(7158' .:125,$' 3.' 87(>' 305' 257I'<5' 3.' (' 453357' E57;5<3'.1# 18' 6.23' 2E5<'(,,9' 30(3' 305' 37(I5,2' 30575'1' 3(?51' 6(9' 5' <.12'85758' (18' 8'2<57158' .;' 49' 305' .78' 75(2:757$' >0.25' <(75' (18' <(E(<'39' '2' 2:<0' (2' 05' 8.30' (,>(92'5'3057' ;'18' .7' <0..25' 30(3' >0'<0' '2' 4523' ;.7' 9.:7' (Q5239=2' 257I'<5#

05' 75<.6E51<5' :13.' 305' -513,56(1' '3' '2' 1.3' 69' E(73' 3.' E75J 2:65' 3.' 3.:<0$' .3057>'25' 30(1'3.' E:3' 9.:7' (Q5239' '1' 7565 6J 47(1<5' .;' 30(3' E7.E.73'.1' >0'<0' 9.:7' (Q5239' '2' E,5(258' 3.' -'I5' 3.' .30572' .:3' .;' 305' E7.;'32' 3059' 47'1-' '1$' (18' E570(E2' >'30' (' -75(3' 85(,' ,522' ,(4.:7' (18' <0(7-5#

0(35I57' 6(9' 0(I5' 4551' 305' I(,:5' .;' '7' 35E051=2' E7.Q5<32' ;.7' 305' 75;.76(3'.1' .;' (4:252' '1' .3057' E5.E,5$' '3' 25562' 30(3' 05' ;(',58' (,3.-53057' >'30' 75-(78' 3.' 0'625,;# 5(I9' <.6E,('132' >575' 47.:-03' (-('123' 0'6' '1' 305' (7,'(6513' .;' $' (18' 2:423(13'(358' 3.' 305' 2(J 3'2;(<3'.1' .;' 4.30' 0.:252$' (18' 05' 51Q.958' 305' :151I'(4,5' 8'23'1<3'.1

.;' 45'1-' 2E5<'(,,9' (18' E572.1(,,9' 5G<5E358' ;7. 6' 305' .E57(3'.1' .;' 305' -5157(,' E(78.1' >'30' >0'<0' 305' 2522'.1' <,.258 (1' (<<'8513' >0'<0' 2:;;'<'513,9' (<<.:13 2' ;.7' .:7' 05(7'1-' 1.' 6.75' .;' 0'2' E7.Q5<32#

 05' .;;'<'(,' 4:2'1522' .;' 305' .,'<'3.7K 5157(,$ 30.:-0' '6E.73(13' (18' ,(4.7'.:2$ >(2' 1.3' ;.7' 305' 6.23' E(73' .;' (' ?'18' 3.' 753('1' '32' '1357523' (;357' '3' >(2' 852E(3<058# :'32' 3.' 45' 75E.7358' .1$ E(35132' 3.' 45' 87(>1$ <(:252' 3.' 45' (7-:58$ 8:52' .;' 305' 7.>1' :1857' '32' I(7'.:2'3'3,52' 3.' 45',..?58' (;357' (18' 75<.I5758$ (18' 2.' ;.730$ >575' 257J I'<52' >0'<0' <.:,8' 1.3' 45' 8'2E51258' >'30$ 4:3' 305'7' '6E.73(1<5' >(2' <.1;'158' 3.' 305' 8(9# 6.1-' 305' ;5>' ,533572' (88752258' 49' (<.1' 3.' (,'24:79' >0'<0' 756('1' (6.1-' 305' 3(35' E(E572' (18' (,' 75,(35' 3.' 6(33572' .;' 30'2' ?'18$ 30575' (75' 3>.' >0'<0' <573('1,9' 45,.1-' 3.' 305' 2:6657' .;' /B 1' (18' (' 30'78' >0'<0$ 45'1-' .;' 305' 2(65' 2.73' (18' 305' 37:5' 8(35' 1.3' (2<573('1(4,5$ ' 20(,' '12573' (,.1-' >'30' 3056# 059' 6(9' 05,E' 3.' 20.>' 305' ?'18' .;' :25' >0'<0' (,'24:79' 6(85' .;' (<.1' 4:3' 305' 3.15' .;' 305' <.7752E.1851<5$ 30.:-0' ;7'518,9' (18' ;(6','(7$ '2' 23',,' 2.' I579' 75237('158' (18' <(:3'.:2$ 30(3' /' 8.:43' >053057' 6:<0' 5,25' <(1' 45' -(305758' ;7.6' 3056#

.' ' 1 ' ,' + /' 7,% ' 0' #$' +,' #' +'
), /)%,:' *' 2 0 K

3' 6(9' E,5(25' 9.:7' #$
' 0(8' <(23' 1.3' 3.' ;(',' 3.' (33518' 0(./' ' &(A4(//(C,' >0'<0' >(2' 305' 8(9' 9.:7' ' 0(8' (EE.'1358' ;.7' 0(./' 45'1-' (3' .18.1# :3' 0(I'1-' 30'2' 8(9' (4.:3' 1..1' 75<5'I58' ?1.>,58-5' .;' 9.:7' 45'1-' (3' 512'1-3.1$ (18' 30(3' '3' 0(8' E,5(258' 9.:7' #3.' 2518' ;.7' 65' 3.' 8'15' >'30' 9.:' (2' 30'2' 8(9$ ' 6(85' >0(3' 8','-51<5' ' <.:,8' 3.' 753:71' ;7.6' .70(':4:79#$ 18' 30.:-0' '<(65' 3'65' 51.:-0' 3.' 0(I5' >('358' .1' 9.:7' #' 30'2' 5I51'1-$ 953$ 9.:7' #' 45'1-' '1' 2.' -..8' (' E,(<5' 3.' 75;7520' 9.:725,;$ (18' 30.:-0' '3' E,5(25' 9.:7' #' 3.' :25' 65' (2' (' ?'126(1$ 953' ' <(11.3' ,5(I5' 450'18' 65' 305' 20(E5' .;' (' .,'<'3.7$ ' 30.:-03' '3' 453357' 6(11572' 3.' 23(9' 3',,' 3.K6.7J 7.>$ >0(3' 3'65' ' >',' >('3' .1' 9.:$ (18' (3' (,,' 3'652' 7523
.:7' <$6.23' 0:64,5
%13' -(.13$1;
2%' #
0'2' 581528(9$ 305' H30'
.;' :-# /B #
05' .30572' 0(I5'1.' (887522' 4:3' 30575' <(1' 45' 2.' ,'33,5' 8.:43' 30(3'
' # # .7(# (652' #$ GGGI# B # 7'-#.>1'0(18#

3059' (,2.' >575' (88752258' 3.' 305' (7,' .;' (,'24:79$ 30(3' ' I513:75' 3.' '12573' 305' 1(65#

.' 2' ,

3' 6(9' E,5(25' 9.:7' .' T

<<.78'1-' 3.' 9.:7' .' W >(77(13' .;' 305' / 30' .;' :15',(23$' 6(85(' 4..?' 75(89';.7' 0'2' (Q5239=2' 2'-1(3:75' 3.' 305' :25'.;' 72# ,,'2'.;' 305' 4515;'3'.;'(1' 5G3513'.;' 305',(182'(18'-..82'.;' '<0(78' .1-5' 057';(3057$' 5G351858';.7'(' 8543'.;' F /':E.1' 75<.-W >0'<0'4..?' '2' 2'1<5' E(23' 305'-75(3' 25(,# 18'1.>' 0(I'1-' 75<5'u'<',' .7857';7.6' 9.:7' .W ;.7'(6518651 3'.;' 305' 85;5<32' '1' 30(3' E(3513$' ';'18' 305'<(25' 3.' 45' 30:2' W 0(3' 205' 0(30' 2'1<5' 8'2<.I5758' 3>.' .3057' 85432'.;' 75<.78$' 305'.15'.;' //*' /L*' 8**$ 305' .3057' .;' / *' ^' R*' 756('1'1-' :E.1'(<<.6E3' '1' 305' 'E5'.;;'<5# 18' 30.:-0' '3' 45' 37:5' 30(3' 205' 20(,,' 75(E' 1.' 4515;'3' 49' 305';.7657' -7(13' 5G<5E3' 30525' 85432' 45','?5>'25' 75,5(258$' 1' 75-(78' 305' '1-' 6(9' <.65':E.1' 305' 2('8',(182'(18'-..82';.7' 30525' 85432T' (18' '3' 6(9' 45' 305' 65(1'1-'>(2' '1' %:551' ,'M(4530' 3.';755'(18'(<@:'3']!' .1-5'.;' (,,' 85432T';.7' 5,25' I ' ' 4 '.*' . ' '

D ' 'A' 953' ' 8.' 1.3' 255' 0.>' ' 6(9' E(22' 305' 4..?' (-('1' >'30' (' 75,5(25'.;' 30525' 3>.' 85432$' >'30.:3' 9.:7' .W ;:73057' >(77(13$' >0'<0' ' 0:64,9' 2:46'3' 3.' 9.:7' 0.1.:7(4,5' <.1J 2'857(3'.1#

.:7' .# 6.23' 0:64,5

(18' 4.:18<1#

(#' #

N .<3.47'2$' /B #

3' (EE5(72';7.6' 305' (,518(7'.;' 3(35' (E572' 3,'(3' 305' 75@:'758' >(77(E3'>(2'-'I51# .7'.1' 305' 18'.;' <3.457$' /B $'(' -7(13'>(2' 6(85' N' 3.' (,# (652' 3.' 305':25'.;' :2(1' ,,'2$'.;' 305' 4515;'3'.;' 305' ,(182'(18'-..82'.;' 305',(35' '<0# .:1-$.,,5<3.7'.;' 5339' :2J 3.62$' 5G351858';.7'(' 8543'.;' F /#$ (18'(' 75,5(25'.;' 3>.' .3057' 85432' 8:5' 3.' 305' 7.>1#P

.' ' ,

3' 6(9' E,5(25' 9.:7' #$

' 2518' 305' 3>.' ',,2' (<<.78'1-' 3.' 9.:7' #=2' E,5(2:75' 2'-1'K

;'58 3.' 6 5$ 0.E'1-'30('3 9.:7 #>',' E(78.1' 6 5'30('3'3059' <.6 5' 1.3' E75<'25,9' ('3'305' 0.:7# 05' ..?' '2',.1-$ (18' ;:,' .;'8';;'J <:,39$ (18''1' (' 4:2'1522'2:<0' (2'30'2''2$ ' 8E'1.3' 6:<0' 37:23'3.' 257I(132'.7'E75<585132#

S$ ';.:18''3' 6.75'<.1I51'513'3.'E:3' .15'E(96513'6.75':E.1' 305'E7'I9' 25(,'30(1'9.:7' '#8'75<358$ (18'3.'3(?5''3';7.6'305' 7513'Q 45<(:25'5,25'305'-7(13' 6:23'0(I5'4551';.7'351'95('-2' (18' (1'0(,;$ >0'<0''2'1.3';.76(,# .' ' 6.23'0:64,9',5(I5'(18' 7523

.:7' 2# 6.23'0:64,5
(18'4.:1851$
''#' #

F#

;' >5'<.:,8' ?:.>'305'8(352'('3'>0'<0'305'25I57(,'E(732'(:8'7:8'J 65132'.;'305' ' # ' >575'<.6E.258$ >5'20.:,8'E7.4(4,9' ;'18'30('3'30'2'I(<('3'.1'>('2'.15'.;'32'6.23';7:'3;:,'25(2.12# :3'.;' 30.25'>7'3'1-2'>0'<0'<(1'45'75;57758'>'30'<573('139'3.'305'2:6657' .;'/B $ 305'6.23''6E.73(13'3.'E.2357'39''2'305'('3'1'375('325' ' % :% '' (e' 3''2'(1'(<<'8513'30('3'51(4,52':2'3.' 8(35''3$ 4:3'305'5I'851<5''2$ ' 30'1?$ <.1<,:2'I5# 0(6457,('1$ >7'3'1-'3.' (7,53.1'.1'305'/B30'.;' 5<56457$ /B $ 6513'.12''3'('2' (' 15>'30'1-'>0'<0' 05'0('2 Q:23'4551'75(8'1-'T' (18';7.6'305',53357' >0'<0' <.652'15G3'>5',5(71'30('3''3'>('2'>7'3351'N'30'2',(23'2:6657' I(<('3'.1#P

05'25I575',(>2'E(2258'49'305' (7,'(6513'.;' /B B' (-('123'305' .6(1' (3,'.,'<2$ >0'<0' >575'305'1(3:7(,'<.125@:51<5'.;'305' :1J E.>857' ,.3$ 4(8$ 49'('<.125@:51<5'1.',522'1(3:7(,$ E7.I.?58'I505J 6513'756.1237(1<52'(18'75<7'6'1('3'.12'.1'305'7'E(73$ (18'-'I51'7'25' 3.'(' -75('3'>!(7.;'305'E51# 05' .E5'0(8''22:58'0'2' 75I52';.74'8J 8'1-'305';('30;:,'3.'3(?5'305'E7.E.258'.(30'.;'(,,.-'(1<5# 08'# '1-' 0(8'>7'3351'('4..?' '1'I'18'<('3'.1'.;''3# 3057'E(6E0,535572$ -75('3' (18'26(,,$ 4(8'5135758'' '13.' 305'<.137.I5729'T' (18'(,,'.,8'2<(18(,2' (-('123' 7.3.23(13' 7'1<52'(18' (7,'(6513'2'0(8'4551'75I'I58'(18' 47.:-03''13.' (<3'.1# '1.1-'305'7523'30575'(EE5(758'('3' (7'2''1' /B C' (' 4..?' 513'3,58' ' f 4 ' M ' # % ' 7 ,' 0 ' % ' \ +% ' ' ,' % 9 ' ' 7 ! _,' 7 ' C ' # 'C 'M'$ ' 7 % ' ' M * %,' ' ;'I5' .7' 2'G' E(-52'.;'>0'<0''1'305''137.8:<3.79'E(73'(75'.<<:E'58'>'30'(

(5.1'>]' .,'<# -1(,,'P' 0(I5'455(' >7'3351'49'(',(357'0(18$ (EE(7513,9'3.' I57';9'(1'(:3.-7(EO'Q 305'4.89'.;'305',53357'(18'305'2'-1(3:75'0(I'1-'4551'25E(J 7(358$ (18'305'2(65'1.35'AN'>N .,# -51#PD' >7'3351' '5(<0#

<. ,,5<3'.1' .;' (,,' 305' 5I','30(3' 0(8' 5I57' 4551' :335758' (-('123' %:551' ' ,'M(4530' >'30' (88'3'.12' .;'305'>7'357=2' .>1$ -(305758' 8:7'1-' ('I'2'3' 3.' 1-,(18' 305' 95(7' 45;.75# 0'2$ .7' 2.65' .3057' 4..?' .;'305'2(65' ?'18$ 2:--52358' 3.' (<.1' 305' 5GE58'51<9' .;' 2533'1-' 8.>1' '1' 2.65' E576(1513' ;.76' 0'2' .>1' '6E7522'.12' .;' 057' <0(7(<357' (18' -.I571J 6513# 5' ?15>'30(3' 305' ;(,250..8' .;' (' 23.79' >',,' 1.3' E75I513' '3' ;7.6' ?55E'1-' '32' E,(<5' '1' 0'23.79$';''3R.1<5' -53' (86'3358' >'30' (' -..8' '137.8:<3'.1' (18' >'30.:3' (:8'4,5' E7.3523# 18' (2' 2.' 56'1513' (' 6(1' (2' 305' 752'8513' 5' 0.:' >(2' ?1.>1' 3.' 45'51-(-58' '1' >7'3'1-' (' 0'23.79' .;' 0'2' .>1'3'6 52 \ A(' E.73'.1' .;' '3' 0(8' 4551' E7'1358' (3' (7'2' 30755' .7';.:7' 95(72' 45;.75D \ '3' >(2' I579' 852'7(4,5' 30(3' 05' 20.:,8' 45' 2:EE,'58' >'30' 37:5' '1;.76(3'.1'(4.:3' ,'M(4530$ (18' 3057549' -:(7858' (-('123' '6E7522'.12' 857'I58' ;7.6' 305' ;,.(3'1-' ,'357(3:75' .;' (7'2$ (18' 2:<0' (15<8.352' (2' 30'2' (7'2'(1' :7'2<.12:,3' >(2' 75(89' 3.' (<<5E3' ;.7' 0'23.7'<(,# <<.78'1-,9$' >'30.:3' 1.3'<'1-' 305' E(73'<:,(7' <(,:61'52' >0'<0' 05' 65(13' 3.' 5GE,.85' A;.7' 2.' 305' I579' 75E53'3'.1' .;'3056' >.:,8' 0(I5' ?5E3' 305'7' 656.79' (,'I5D$ 05' 3..?' ;.7' 0'2' -7.:18' 305' <.1J 2E'<:..:2' (18' '18'2E:3(4,5' ;(<3' 30(3' ,'M(4530' 75'-158' ;:,,' HH' 95(72' '1' 8';;'<:,3' 3'6 52$' >'30.:3' (19' 75I5725' .7' 85<,'15' .;';.73:15'1' (18' 49' >(9' .;' '18'75<3' 753.73' 3.' 305' .E5=2' 852<7'E3'.1' .;' 057' (2' ' ,' E7.<55858' 3.' 1:6457' :E' 305' E(73'<:,(72' '1' >0'<0','57',';5' (18' -.I5716 513' >575' 3.' 45' 75-(7858' (2' 756(7?(4,5' ;.7' ;5,'<'391' 3(?'1-' <<(2'.1' (3' 305' 2(65' 3'65' 3.' <.775<3' 49' (13'<'E(3'.1' .7' 49' '6E,'<(3'.1' 2:<0' 6'2<.1<5E3'.12' .;' 057' <0(7(<357' (2' 0(8' .43('158' <:7751<9' '1' 752E5<3(4,5' @:(73572' (18' >'30' 75-(78' 3.' 305' .6(1' (30.,'<2' 52E5<'(,,9$ 51357'1-' '13.' (' ;.76(,' (18' 853(',58' I'18'<(3'.1' .;'057' E.,'<9' (18KE7.<558'1-2T \ (' I'18'<(3'.1' >0'<0' >(2' '18558' 2:4J 23(13'(,,9' (' 75E53'3'.1' .;' >0(3' 05' 0(8' 3>'<5' 45;.75' 3(?51' E('12' 3.' E:3' ;.7>(78' ;'323$' '1' 305',53357' (88752258' 49' (,2'1-0(6' 3.' (' 5<753(79' .;' 7(1<5$' '1' / LT' (18' (;357>(782$' '1' 4'2' MD * ' ' '5 D ,' '1' / L #*' 05'<.775<3'.1' .;'30525' 6'2<.1<5E3'.12' 45'1-' 6.75' >(1358' (47.(8' 30(1' (3' 0.65$' 05' 1.>' >7.35' '1' (3'1' 4:3' 30.:-0' 05' 30.:-03' >5,,' 51.:-0' .;' 305' >.7?' 3.' 1(65' '3' '1' .15' .;' 0'2' >',,2' (2' (' 30'1-' >0'<0' 05' E(73'<:,(7,9' >'2058' 3.' 45' E:4,'2058$' 05'<.1351358' 0'625,;' ;.7' 305' E752513' >'30' <'7<:,(3'1-' 6(1:2<7'E3' ..E'52' (6.1-' 0'2' E57J 2.1(,' (<@:('13(1<5# 15' .;' 30525' 05' 2513' 3.' '7' 5.7-5' (79$ 3051' (64(22(8.7' (3' (7'2$' >'30' (' ,53357' >0'<0' 2:;'<'513,9' 5GE,('12' 0'2' E:7E.252' (18' >'2052#

05' 656.7'(,' '325,;\(' -7(I5' (18' >5'-039' 3523'6.1'(,$ 85257I'1-' 305' 257'.:2' <.12'857(3'.1' .;' 51579' .15' >0.' >'2052' 3.' :185723(18' ,'M(4530' ;.7' (<.1' 0(8' E(73'<:,(7,9' -..8' 65(12' .;' ?1.>'1-' 305' 37:30' .;' >0(3' 05' 35,,2$' (18' 1.' 6.3'I5' '1' 35,,'1-' '3' 5G<5E3' (' 852'75' 3.

#a ' ' ' ' $ / L

45(7' >'31522' 3.' 305' 37:30$ \ >',,' 45' ;.:18' '1' 305' ;'723' I.,:65' .;' 305' '357(79' (18' 7.;522'.1(,' .7?2$ E# F$ >'30' (' 37(12,(3'. (' (18' (' E75;(<5' '1' >0'<0' ' 0(15'3.,8' >0(3' '?1.>' (4.:3' '3# 05',53357' <.652' ;7.6' (<.1=2' .>1' <.,,5<3'.1#

.' %' 9, %,' % ' ' ;% #,')$ ' /, 0 ' + ' + / ' ' ' *, #, ' (2("1 (' 2 N 2 82 Z'/

9' I579' -..8' .78$

5'1-' (2?58' 305' @:523'.1' 49' 30'2' 45(757$ (1' .,8' 257I(13' .;' 69'47.3057' 130.19' (<.1$ >053057' '>.:,8' <.66(18' 0'6' (19' 257I'<5' '13.' 7(1<5$ (18' 45'1-' (3' 453357',5'2:75' 30(1' '>.:,8$ '1' 75-(78' .;' 2'<?1522$ ' 45-(1' 3.' 75656457' 30(3' 15'3057' 9.:7' 4:2'J 1522' 1.7' 6'15' A30.:-0' -75(3' (18' <.13'1:(,D' <(1' 45' :E.1' (1' 5G(<3' (<<.:13' (19'Q:23' .<<(2'.1' >09' 2.' 6:<0' -..8' >',,' (2' 0(30' E(2258' 453>551' :2' 20.:,8' 45' 2.' 6:<0' 8'2<.13'1:58' (2' '3' 0(30' 4551# 18' 30575;.75$ 45<(:25' .15' 6:23' 45-'1$ ' 30.:-03' 3.' E7.J I.?5'9.:7' 75656 47(1<5'.;' 65'49' 69',53357# 18' 30'1?'1-' 0.>' 3.' ;'3^' 3' >'30' 2.65>0(3' 452'852' 2(,:3(3'.12$ '3' <(65'3.' 69' 6'18' 30(3' 30'2' ,(23' 2:6657' I(<(3'.1$ 49' .<<(2'.1' .;' (';(<3'.:2' 4..?' 30(3' 5185(I.:758' 3.' I57';9' # ' F ,' A305' (88'3'.1' .;' 305' .E5=2' :,,$D' :E.1' %:551' ,'M(4530$ ' 8'8' >7'35' (';5>',' 152' '1' 057' 656.7'(,$ >0'<0' ' 30.:-03' 9.:' >.:,8' 45' >5,,' E,5(258' 3.' 75(8$ 4.30' ;.7' 305' (7-:6513$ (18' 45<(:25' 9.:' >575' >.13' 3.' 45(7' (;;5<3'.1' 3.' 69' E51# $,' ' ' 4' ,' ';' '3' <(65' 0(182.65,9$ 3.' E(22$ ' >.:,8' 45'-,(8' 305' 752'8513' 5' 0.:$ A>0.' 0(30' >7'3351' (' 0'23.79$ (2' 9.:' ?1.>$.;' 30(3' ;(65' (18' 8','-51<5$D' 2(>' '3' <0'5;,9' 45<(:25' ' ?1.>' 1.3' >053057' '3' 6(9' 1.3' 257I5' 0'6' ;.7' 2.65' :25' '1' 0'2' 23.79'Q >0575'1' ' >.:,8' 45'-,(8' 05' 8'8' 7'-03' 3.' 305' 37:30$ (18' 3.' 305' 656.79' .;' 30(3' (89$ (2' ' E57<5'I5' 4Q' 30(3' 05' 4(30' (,75(89' >7'3351' 05' '2' >5,,' '1<,'158' 3.' 8.# ' >.:,8' 45' -,(8' (,2.' '3' >575' 2.65' .<<(2'.1' A2:<0' (2' (4251<5' 6(9' E576'3D' .;' 2.65' (<@:('13(1<5' .7' 6:3:(,' 1.3'<5' 453>551' :2# .7' 30.:-0' 05' 0(30' 6(19' >(92' 305' E75<5851<5$ A<0'5;,9' '1' >.730$D' 953' 30'2' '2' <.66.1' 3.K:2' 4.30$ 30(3' >5' 25715' .:7' 2.I575'-12' '1' E,(<52' .;' ,(>' 56'1513W (18' 1.3' .:725,I52' .1,9$ 4:3' 30(3' .:7';(30572' 8'8' 2.' 45;.75' :2T' (18' ,(23,9$ 30(3' 4.30' .;' :2' ,.I5' ,5(71'1-' (18' ,'457(,' 2<'51<52$ >0'<0' >(2' 5157' (' 4.18' .;' ;7'51820'E' '1' 305' -75(3523' 8'23(1<52' .;' E,(<52# :3' .;' 30'2' ' 6(?5'1.' ;:73057' 75K

[88'3# # F$;.# H/' 4# * JJ

@:523' 30(1' 9.:7' .>1' .<<(2'.12' (18'752E5<32'A3.' 65' :1?1.>1D' 6(9';:73057' .7','6'3'Q 69'E7'1<'E(,'E:7E.25'45'1-'3.'2(,:35'9.:$' (18'3.'2518'9.:'30'2'3.?51'W >0575:13.' '>',' (88'69'I579'?'18' <.66518(3'.12'3.'69' (89'Q (18'2.'<.66'3' 9.:'4.30'3.' .8=2' 0.,9'E7.35<3'.1#

H#

.'305'518'.;'30'2'2(65'95(7'/B '6:23'05'75;57758'(1.3057'>.72' >0'<0' (,2.'753('12'32''1357523';.7':2$\305'7(3057'45<(:25'305'E7.J 4,56'3'85(,2'>'30'2'.15'>0'<0'0(2'1.3'9534551'2(3'2;(<3.7',9'2.,I58† \ '65(1'305'E(E57'513'3,58'N' 573('1' .12'857(3'.12'3.:<0'1-'305' ,(13(3'.1''1' 75,(18#P

5'0(I5'2551'30(3':E.1'305'15>2'.;'305';,'-03'.;' 97.15'(18' 97<.115,','1'305'(:3:61'.;'/B C$' (<.1'2(>'305'45-'11'1-'.;'453357' .7'>.725$4:3'30.:-03''3'>(2'N';'723'('351857'.;'305'453357$'(18'>.725' ;.,,.>58'4:3':E.1'75;:2(,'.7'85;(:,3#P' 053057'05'>(2'2(3'2;'58' >'30'305'65(2:752'30(3'>575';'723'3(?51\>053057'05'30.:-03'30(3' 305'.;;57'.;'305'453357'0(8'4551'E7.6E3,9'51.:-0'513573('158'(18' '6E7.I58\ '<(11.3'2(9# '7' 730:7' 0'<052357$'3051'.78'5:J 351(13$'25562'3.'0(I5';:,,9'(EE75051858'305''6E.73(1<5'.;'25'M'1-' 305'.<<(2'.1'4.,8,9'(18'379'1-'305'5;'5<3'.;'('-5157.:2'E.,'<9'>'30.:3' ,.22'.;'3'65# :3'>0(3515 7'6(9'0(I5'4551'305'852'-1'.;'305' .I571J 6513$'305'5G5<:3'.1'.;''3'>(2'151'3(4,9'13577:E358'49'('15>'7505,K' ,'.:'475(?'1-'.:3';7.6'305'(2052'.;'301'.,8$>0'<0''3'3..?'2.65' 6.1302'3.'5G3'1-:'20'† (18''3'>(2'1.3'3',':,9'/B '30(3'305';'1(,' .I57307.>'.;' 5',' (7I5'(18' = .-0(739$>0.'0(8'5185(I.:758'3.' 253'3056 25,I52':E'1'305'E,(<5'.;'305';:-'3'I5' (7,2$,5;3'305';'5,8' ;('7,9'.E51';.7'305' .I571651 3'3.'4:',8':E.1# 7658'752'23(1<5' 45'1-'3051'(3'(1'518$'305';'723'30'1-'3.'45'8.15'>!(2'3.'(2<573('1'0.>' ;(7'305',5-(,'(:30.7'39'.;'305' 7.>1'5G351858''1'8'2E.2'1-'.;'305' R,(18''1' ,2357# 18' 'E752:65''3'>(2'>'30'30'2'I'5>'(18'(3'30'2' 3'65'30(3'305' 0'5;' (7.1'.;'305' G<05@:57''1' 75,(18'2513'.I57'3.' 1-,(18'305'@:523'.12'>0'<0' (75'(12>5758''1'305';.,,.>'1-'E(E57# .7'30.:-0''3'0(2'1.'8(35$'(18'305'(77(1-57'.;'.:7' 3(35' (E572'0(8' ;.7'2.65'75(2.1'E,(<58''3'(3'305'518'.;'30.25N05,.1-'1-'3.'305'95(7' /B/C$\953'(2''3'<.13('12'305'Q.'13'.E'1'.1'.;' .4(73$' (<.1'(18' .857'8-5$'305'E752:6E3'.1''2'30(3'305'@:523'.12'0(8'4551'75;57758' 3.'3056'(2'305' '1-=2' 5(7158' .:125,†30575;.75'1.3',(357'30(1' .I5645 7'/B/ $>051' .857'8-5'>(2'7('258'3.'305' 51<0†'(18'>09' 1.3'(2'5(7,9'(2'/B 'j' 9'305'239,5'(18'305'E.2'3'.1'.;'305'2'-1(J 3:752' '20.:,8'Q:8-5'30(3''3'>(2'87(>1':E'49' (<.1'0'625,;#

305 ,'?5T >0575'1 30575 <(1 45 1 . 85;51<5 (-('123 305 '1-=2 7513 ;.7K305 75(2.1 (;.752('8#

18 '3 ! Q:23 1.3 3.' 2:;;57 305 7513 3.' 7:1 '1 (775(7(-5$;.7 5,25 305 >7.1-' 8.57 20(,,' E(9 1.' 7513$ (18 305 (351355 >051' 05 20(,,' (;357>(782 75<.157 '3 20(,,' 45 <0(7-58 >'30 0'2 (775(7(-5#

:3 ';' 305 E.22522'.12 0(15 <.13'1:58 ,.1-' (-('123 305 '1-' .7 0'2 (351355$ .7 ';' 30.25 577.15.:2 (18 '18'75<3 <.:7252 .;' 379'1-' .;' 7'-032 (-('123 305 '1-' (18$ 0'2'] (3513552 49 (<3'.12 .;' 3752E(22$. % 6)' ,' 15>' <.66'22'.12$ .7 305 ,'?5$ 0(15 4551 (,,.>58 49 305 .:732 .;' :23'<5 30575$ (18 30(3 2.653'652 49 (,,.>(1<5 (18 8'75<3'.1 .:3 .;' 1-,(18 A';' 49 30525 65(12 305 X7'-03 0(15 (EE5(758 (-('123$ 305 '1-D$ (18 ';' ;.7 30.25 .7 (19 .3057 7h(2.1 ' '3 20(,,' 2556 -..8 3.' -4 ' .7820'E2 1.3 2:8851,9 3.' 0(15 2:<0 E.22522'.12"756$.158!' 83 6(9 E,5(25 9.:' 3.' -'15 30525 .7 2:<0 .3057$8'75<3'.12 ;,2Q20(,,' 2556 -..8 3.' 9.:7 .78K 20'E2# # # [$' #

'723$ >0575 305 ,(182 p75 '1 305 '1-=2 0(182 (18 1.3 -7(1358 .:3W 3 '2 (3 0'2 (Q5239=2 E,5(2:75 3.' ;.745(7 3.' 25'M5 305 ,(182$:E.1 4.18 30(3 ';' 3059 8.' 1.3 E7.25<:35 305'7 E75351858 7'-03 49 E53'3'.1 >'30 5;;5<3$ 2.' (2 3059 E7.15 305'7 7'-03 '1 8:5 ;.76 .;' ,(>' >'30'1 2.65 <.1151'513 3'65 3.' 45 E75;'G58# 0(3 3051 3059 20(,,' 9'5,8 305 @:'53 E.22522'.1 >'30 305 65(1 E7.;'32 '1K R<:7758$

$' 18 ';' (E9 .;' 30.25 '0''!2 45 -7(1358 .:3$ '1 >0'<0 <(25 305 (351355 <(11.3 45 851'58 0'2 .78'1(79 75658'52W 953 05 6(9 >'30 Q:23'<5 45 851'58 3.' :25 (19 <.:725 '1 305 '1-=2 1(65 ;.7 0'2 4515;'3$ (18 30575;.75 ';' 05 >',' 852'75 3.' 2:5 49 '1;.76(3'.1 :E.1 '137:2'.1 45;.75 0'2 (3513$ '3 6(9 45 75;:258#

,2.' 305 (351355 <(1 E7.<:75 1.' 25'M:75 .;' 305 ,(18 ;.7 0'6 J 25,;'.7 0'2 (Q5239$ .3057>'25 30(1 ;.7 305 '1-=2 7513 (2 (;.75J 2('8$ '1 >0'<0 <(25 305 .:73 6(9 8'2E.25 .;' 305 ,(18 (2 3059 20(,,' 30'1?' 6.23 <.1151'513#

(23,9$ ';' 305 (351355 <(1 45 47.:-03 3.*2:;;57 305 E.22522'.1 3.' <.13'1:5$ (18 (<<5E3 .;' 2:<0 4.18 (2 '2 45;.75 6513'.158 ;.7 305 '1-' 3',' 305 H83,5 45 37'58 (<<.78'1-' 3.' 8:5 <.:725 .;' ,(>' >'30 5GE58'3'.1$ '3 >',' 45 (' -..8 @:'53#

:3 '1 30'2 E576 '33'1-' .;' 3056 A30(3 E753518 3'3,5 (-('123 305 '1-' .7 0'2 (351355D 3.' <.13'1:5 305'7 E.22522'.1$ 30(3 ;(I.:7 A>0'<0 '2 -7(1358 .:3 .;' 752E5<3 .;' <.1151'51<5D >.:,8 45 5GJ 351858 .1,9 3.' 2.' 6:<0 (2 305 E753518572 8.' (<3:(,,9 6(1:75#

;.7' .3057>'25'3059' 6(9' 6(?5''3' (' <.,.:7' 3.'305' E.22522'.1' .;'1#
,(7-5' <.:1379$'>0575.;'3059'0(I5K'15'3057':25' .7' .<<:E(3'.1'T
>0'<0' 6(9'3518'3.'305'85E.E:,(3'.1'(18'85<(9'.;'0(4'3(3'.1'
30575'1#' K # # #

,2.'A';''3'2556'-..8'3.'9.:7# .7820'E2D'(' -5157(,'8'75<3'.1'
K3.'305' .:732$'30575'>.:,8'8.#>5,,$#30(3'3059'20.:,8'1.3$'0575J
(;357'E576'3'30.25'8'2.785758'E7.<558'1-2809'15>'1@:'2'3'.12$'
37'(,2''1' Q5<3'.15';'765$'.7'.3057>'25$'49'305'E753518572'(-('123'
305' (3513552$'30(3'0(I5'(2''3#2553 2'0551'05753.;.75'X(,,.>58'
(-('123'3,'5' '1-K(18'0'2' (3503552W' :3K3.'.4257I5''1'(,,'30'1-2'
305'7:,5'.;',(>'49#>0'<0'3059'6(9'Q:8-5' (18'3,'5'E5.E,5'51Q.9'
305'7'.>1'>'30'<573('139#' 18'30:2'6:<0'3.:<0'1-'305#@:52J
3'.12'.;'305';'723'<(25#

2'3.:<0'1-'305' 25<.18' <(25$UR5.1<51,'1-' 30h' E7.G59'2'
-7(1358''1'305'3'65'.;' '1-' 5179'305# '-03*'49'305' '20.E'.;'
5(8':13.'305'2('8' '1-''1'5G<0(1-5';.7'<573('1'KE(72.1(-52''6J
E7.E7'(35$'(,30.:-0'>5';'18'2.65'8';;'<:,39'(18'30(3'30575'6(9'
45'8';'5751<5'.;'.E'1'.12'>053057K305'2(''-7(13'.;'E7.G592'45'
-..8$'(,30.:-0'305'2(65'>575'-7(1358'49'305'2('8'K '20.E'(2'
78'1(79':13.'305' '1-'(2'2:E7565' 78'1(79$'953'305'2('87' '1-'
(18'.3057'0'2' (Q5239=2'E7585<522.72'(18'(,2.'0'2' '-01522'
0(I'1-'4551'E.2252258'.;'305'2(65'(2'('75151:5'.;'305' 7.>1$'
>5'(75'(,','.;'<,5(7'.E'1'.1'30(3'305'-7(13'1-#!'.;'2:<0' 5<3.7'52''1*'
;55$';55K;(76$'.7',5(25$'49'305',(35'%:551K<(1'45'1.'b4'18Q57(1<5$'
3.'K0'2' (Q5239'49'5G3'1-:'2065I3$'2:2E512'.1$'.7' .3057>'25$'.;'
305'2('8'8:3'52'<(,,58'E7.#G592'b0(,;'('.15'>.71'(>(9'0575a':13.'
0'2' '-01522''13.'0'2' G<05@:57$'(19'305'2('8=-7(132'.;'305'2('8'
5<3.7'52'1.3>'3023(18'1-#
F# 2'3.:<0'1-'305',(23'@:523'.1$'>053057'(';'15';.7'(,'51(3'.1'
45'8:5':13.'0'2' (Q5239':E.1'(' <.66.1'75<.I579'2:;;5758''1'
75,(18'.;',(:82'0.,851'49' 1'-03=2'257I'<5' '% '' >5'(75'
.;'.E'1'.1'30(3'30575''2'8:5'(';'15';.7'(,'51(3'.1':E.1'2:<0'
75<.I57'52$';.7'30(3'3059'(75'1.>'4:3'(2'<.1I59(1<52'(18'2.'
(<<.:1358''1',(>$':E.1'>0'<0'(1':25'6(9'45'7('258'(18'(I57758'
(2':E.1'(';'15'.7'(19'.3057'(22:7(1<5#

; % ' #
, % ' %
+ ' 3 0 0 % 0 ,

? '%&$=$/' 2(48*+2%&+(1,'&'$'&+&*'$' 4+6'&'+1'8%/&+2.*%/'2%,$,'-$'..-7
D$2&'&(;'&'$/$'C%,'1('3(.-&'&'%&'&'$'/$3.2&+(1'()'&'%&'*(16'/$-$**+(1
$ #

9.:7 (Q5239 0(30 953 (;.73:15 5G37(.78'1(79$ (18 8';;57'1-;7.6 ;.7657 5G(6E,52 '1 305 2(65 ?'18# .7 6.23 E(73 .;:1'.12 (18 E,(13(3'.12 .;?'1-8.62 0(I5 4551;.:1858 '1 305 5;;:2'.1.;4,..8 4:3 9.:7 (Q5239 20(,,4:',8 * ,30(3 20(,,1558 1.2(<7';'<52 5GE'(3.79;.7 4,..8 (18 30575;.75 1.8.:43 :1857 (0'-057 (18 6.75 (22:758 4,522'1-# 0575;.75 (2 (8I513:758 >051 >(2 ,522 ?1.>1 (18 ,522 E(73'<:,(7,9 4.:18 3.9.:7 (Q5239 30(1 2'1<5 49 9.:7 :185257I58 ;(I.:7 0(I5 0551$ 3.7'35 2.65>0(3 3.:<0'1- 305 1'.1$ >0'<0 9.:7 (Q5239 >(2 E,5(258 -7(<'.:2,9 3. (<<5E3$ (18 >0'<0 2'1<5 /0(I5 3. 69 E.>57 25<.1858 49 69 37(I(',2$ 1.3 .1,9 '1 8'2<.:725 4:3 '1 (<3'.1 2. (6 3057549 51<.:7(-58 3. 8.305 ,'?5 3.:<0'1- 30'2 6 (3357 .;E,(13(3'.1 0.E'1- 30(3 9.:7 ! (Q5239 >',,307.:-0 305 >5(?1522 .; 69 (4','39 8'2<571 305 23751-30 .; 69 (;;5<3'.1$ (18 305 0.1523 (18 ;57I513 852'75 0(I5 3. 255 9.:7 (Q5239=2 E572.1$ 1(65$ (18 3'652$ 4,52258 (18 5G(,358 (4.I5 30.25 .;9.:7 7.9(,E7.-51'3.72# 18 >R(2 305 7(3057 '1I'358 30'2 3. 8.$ 49 305 756564 7(1<5$ 30(3 >051 305 .78 0'5; :23'<5 85<5(258$ .E0(7($ 257I58 ':305 E,(<5 >0575'1 1.>25715$ (18 (;357>(782 '1 305 (33.7159=2 E,(<5$ 05 ,(4.:758 -75(3,9 '1 305 ,(23 E7.Q5<3 3.:<0'1-305 E,(13(3'.1 .; :12357# 0'<0 15I57305,522$ (2 '3 25565 30$ 0(30 -'I51 6.75 ,'-03 49 305 577.72 30575.; >0(3 3. (I.'8$ 30(1 49 305 8'75<3'.1 .;305 2(65 >0(3 3.;.,,.>#

'723 30575;.75$ >',,2E5(?2.65>0(3 .;305 5G<5,,51<9 .;305 >.7?$ (18 3051 .;305 65(12 3.<.6E(22 (18 5;;5<3 '3#

.7 305 5G<5,,51<9 .;305 >.7?$ >',,8'I'85 '3 '13.;.:7 1.4,5 (18 >.7309<.125@:51<52 30(3 >',,;.,,.>30575:E.1#

05;'723 .;305;.:7'2 .1.:7 >0575.; 0(I5 2E.?51 51.:-0 (,75(89$ >575 '3 1.3 30(3 305 (7E .; 75,(18 E:32 65 '1 6'18 .; 30(3 -,.7'.:2 564,56 .7 (,,5-.79 >0575'1 305 >'28.6 .;(13'J @:'39 8'8 ;'-:75 (18 20(8.> .:3 >.7?2 .;30'2 1(3:75# .7 305 E.532 ;5'-158 30(3 7E05:2$ 49 305 I'73:5 (18 2>=5531522 .;0'2 0(7E$ 8'8 <(,, (18 (22564,5 305 45(232 (18 4'782$.; 305'7 1(3:75 >',8 (18 2(I(-5$ 3.23(18 (4.:3 0'6$ (2 '1 (305(375 ;.7-533'1- 305'7 (;;5<3'.12 .;;'57<51522$.;,:23$ (18 .;E7597 (18 ,'2351'1- 3. 305 3:152 (18 0(76.1'52 .;305 0(7E (18 2..1 (;357<(,,58 ,'?5>'25 305 23.152 (18 305 >..82 3. 756.I5$ (18 23(18 '1 .7857 (4.:3 0'6 >0'<0 ;(4,5 >(2 (1<'513,9 '1357E75358 .; 305 75J 8:<'1- (18 E,(13(3'.1 .;?'1-8.62Q >051 E5.E,5 .;4(74(7.:2

Q c > '723$ 3059 6513'.1 (<.66'22'.1 ;.7 30'2 E,(133('.1 >0'<0 .;, (,,, 30'1-2 '2 6.23 15<522(79 4.30 3.'8'75<3 (18 (EE5(25<.1J 37.I572'52 (18 305,'?5#

.'30'2 (88 3>.'E7.E.2'3'.12# 05.15$ 30(3 >0'<0 E570(E2 '2 65(13 30.:-0 1.3 5GE752258 '30(3 305<.66'22'.1572 20.:,8 ;.7 <573('1 3'652 752'85 (18 (4'85 '1 2.65 0(4'3(4,5 3.>1 .;75J ,(18 15(7 '1 8'23(1<5 3.'305<.:1379 >0575 305 E,(133(3'.1 20(,, 45 3.'305 518 4.30 30(3 3059 6(9 45 6.75 (3 0(18 ;.7 305 5G5J <:3'.1 .;305 E(732 .;305'7 <.66'22'.1 (18 >'30(,' '3 '2 ,'?5$ 49 87(>'1-.;<.1<.:725 .;E5.E,5 (18 37(852651 3.'2:<0 3.>1$ '3 >',, 45 2.65 05,E (18 <.66.8'39 3.'305:18573(?572 ;.7 30'1-2 3059 20(,, 23(18 '1 1558 .;# 18 ,'?5>'25 '3 >',, 45 (6.75 2(;5 E,(<5 .;75<5'E3 (18 23.75$ >0575'1 3.':1,(85 (18 85E.2'3 2:<0 E7.I'2'.12 (2 (75 (;357 3.'45 56E,.958#

05 25<.18 '2 30(3 9.:7 (Q5239 >.:,8 6(?5 (<.7752E.1851<9 453>551 305<.66'22'.1 30575$ (18 (<.:1<',.;E,(133('.1 0575# 0575'1 >(77(13 6925,;49 305 E75<5851 3.;305 ,'?5<.:1<',. ;E,(133('.1 ;.7 '7-'1'(1 51357E7'25 '1 69.E'1'.1 8';;57'1-(2 6:<0 ;7.6 30'2$ (2 6(8'2 85 (:,8';;572 ;7.6 s2(7=2 .6J 6513(7'52# :3 >051 2E5(?.;(<.:1<',.;E,(133('.1$ 65(1 2.65 E572.12 <0.251 49 >(9.;75;5751<5$:E.1 >0.6 305,(4.:7 6(9 7523 3.'E75E(75 (18 75E.73 30'1-2 3.'305<.:1<',.;523(35 0575$ 30(3 <.1<571 30(3 4:2'1522# .7 (,30.:-0 9.:7 (Q5239 0(15 (-7(15 (18 2:;;'<'513 <.:1<',.'1 75,(18$;7.6 >0.6 (18 :E.1 >0.6 305<.66'22'.1572 (75 3.'0(15 (22'23(1<5 (18 85E51K 8(1<5 95330(3 2:EE,'52 1.3 305 E:7E.25 >0575.;2E5(?# .7 <.12'857'1-30(3 :E.1 (8I573'25651322 (2 >5,.;305<.66'2J 2'.1572 (2.;305<.:1<',.;75,(18 '325,;30575 >',, 45 6(19 .<<(2'.12 3.'<7(15 8'75<3'.12 ;7.6 9.:7 (Q5239 (18 9.:7 E7'19 <.:1<',0575$ >0'<0 (75 4:2'58 >'30 (>.7,8.;(;;('72 '3 <(1:.3 4:3 -'15-75(357 5GE58'3'.1$ (18 2.65 45335 E57;5<3'.1 :13.'2:<0 8'75<3'.12 (18 752.,:3'.12$ ';305 6(33572 6(9 45 <.12'85758.;(;.750(18 49 2:<0 (2 6(9 0(15 (<.13'1:(,'<(75 .;305 <(:25# 18 '3 >',, 45 ,'?5>'25 (<.6;.73 (18 2(3'2;(<3'.1 3.'2.65 E7'1J <'E(,':18573(?572$ ';3059 6(9 45 (86'3358 .;30(3 <.:1<',#

5<.18,9$ 30575 '2 (<,(:25 >0575'1 305 :18573(?572 (75 75J 237('158$ 30(3 3059 20(,, 5G5<:35 305 E,(133('.1 '1 E572.1 ;7.6 >0'<0 6:23 8'22513$ ';' >',, <.1251 3 >'30 305-7.:182 0(15 (,75(89 3(?51# .7 '3 '2 1.3 E7.4(4,5 30(3 651 .;-75(3 65(12 (18 E,513';:,523(35 >',, 518:75 305 37(I5,$ 8'2<(256 5132$ (18 (8K

A " ‘ ‘ ‘ ‘ ‘ ‘ R + $‘

I513:752‘ .;‘-.'1-‘30'3057‘'1‘E572.1‘W 4:3‘7(3057$‘ ‘2:EE.25$‘6(19‘ >',,‘ :18573(?5‘E.73'.12‘(2‘(1‘(8I(1<5651 3‘ ;.7‘305'7‘ 9.:1-57‘ <,Q',8751‘ .7‘?'12;.,?2$‘ .7‘ ;.7‘305‘2>5531522‘ .;‘305‘ 5GE5<3(3'.1‘ .;‘ (‘-75(3‘4(7-('1‘'1‘305‘518$‘>051‘'3‘'2‘.I57<.65# 18‘30575;.75‘ '3‘ '2‘ ,'?5‘3059‘>',,‘56E,.9‘2.12$‘ ?'12;.,?2$‘257I(132$‘.7‘351(132$‘ (18‘953‘45‘-,(8‘3.‘0(I5‘305‘523(35‘'1‘3056 25,I52# 18‘'3‘6(9‘ 45$‘2.65‘(-('1‘>',,‘Q.'1‘305'7‘E:7252‘3.-53057‘(18‘6(?5‘(2‘'3‘ >575‘(‘E(7315720'E‘.7‘Q.'13‘(8I513:75$‘(18‘953‘6(1‘;.730‘2.65‘ .15‘E572.1‘49‘<.12513‘;.7‘305‘5G5<:3'1-‘.;‘305‘E,(13(3'.1#

0'78,9$‘30575‘'2‘(‘6('1‘E.'13‘>0575'1‘ ‘;5(7‘305‘E7.Q5<3‘ 6(85‘0(30‘3..‘6:<0‘.;‘305‘,'15‘(18‘<.6E(22$‘(18‘>',,‘1.3‘45‘2.‘ 1(3:7(,‘(18‘5(29‘3.‘5G5<:35$‘1.7‘953‘2.‘E.,'3'<‘(18‘<.1I51'513‘W (18‘30(3‘'2‘30(3‘305‘4:',8'1-2‘20.:,8‘45‘ ‘:E.1‘5I579‘ E.73'.1$‘(18‘305‘<(23,5‘.7‘E7'1<'E(,‘0.:25‘20.:,8‘87(>‘305‘3515J 651132‘(18‘;(762‘(4.:3‘'3‘(2‘'3‘>575'13.‘I',,(-52$‘0(6,532$‘.7‘ 5:820'E2‘T‘(18‘30(3‘30575‘20.:,8‘45‘.1,9‘;.:7‘<.7E.7(35‘3.>12‘;.7‘ (73';'<572‘(18‘37(852651#

9‘.E'1'.1‘'2$‘30(3‘305‘4:',8'1-‘45‘(,3.-53057‘'1‘3.>12$‘3.‘45‘ <.6E.:1858‘(2‘>5,,‘.;‘0:24(187'52‘(2‘.;‘(732# 9‘75(2.12‘(75# '723$‘>051‘651‘<.65‘13.‘(‘<.:1379‘I(23‘(18‘I.'8‘.;‘(,,‘ 30'1-2‘15<522(79‘;.7‘305‘:25‘.;‘6(1=2‘,';5$‘';‘3059‘253‘:E‘3.-53057‘ '1‘(‘E,(<5$‘.15‘.;‘3056‘>',,‘305‘45335 7‘2:EE,9‘305‘>(132‘.;‘(1J .3057‘W >.7?K;.,?2‘.;‘(,,‘2.732‘>',,‘45‘305‘6.75‘<.13'1:(,,9‘253‘ (K>.7?‘>'30.:3‘,.22‘.;‘3'65$‘>051‘';‘>.7?‘;(',‘'1‘.15‘E,(<5‘3059‘ 6(9‘0(I5‘'3‘;(23‘49‘T‘305‘>(92‘>',,‘45‘6(85‘6.75‘E(22(4,5‘;.7‘ <(77'(-52‘3.‘30.25‘25(32‘.7‘3.>12‘30(1‘3059‘<(1‘45‘3.‘(‘1:6457‘ 8'2E57258‘2.,'3(79‘E,(<52T‘(18‘'1;'1'35.3057‘05,E2‘(18‘5(256 5132$‘ 2<(7<5,9‘3.‘45‘<.6E75051858‘'1‘<.-'3(3'.1$‘>',,‘512:5‘.;‘I'<'1'39‘ (18‘2.<'539‘.;‘E5.E,5‘W >0575(2‘';‘3059‘4:',8‘2<(335758$‘(2‘'2‘E7.J Q5<358$‘5I579‘6(1‘6:23‘0(I5‘(‘<.71:<.E'(‘'1‘0'625,;‘;.7‘(,,‘30'1-2‘ 05‘6:23‘:25T‘>0'<0‘<(11.3‘4:3‘47558‘6:<0‘8';;'<:,39‘(18‘1.‘ ,522‘>(235#

5<.18,9$‘'3‘>',,‘87(>‘.:3‘.;‘305‘'10(4'358‘<.:1379‘.;‘75,(18‘ E7.I'2'.12‘(18‘I'<3:(,2‘(18‘6(19‘15<522(7'52$‘45<(:25‘3059‘20(,,‘ 45‘2:75‘.;‘:3357(1<5‘;‘>0575(2‘'1‘305‘8'2E57258‘0(4'3(3'.12$‘5I579‘ 6(1‘6:23‘75<?.1‘.1,9‘:E.1‘30(3‘30(3‘05‘47'1-2‘>'30‘0'6$‘(2‘ 3059‘8.‘'1‘E7.I'2'.12‘.;‘20'E2#

0'78,9$‘305‘<0(7-5‘.;‘ 9 ,‘(2‘3059‘<(,,‘3056$‘3.‘45‘6(85‘ (4.:3‘5I579‘<(23,5‘.7‘0.:25$‘6(9‘45‘2E(758$‘>051‘305‘0(4'3(3'.12‘ 20(,,‘45‘<.1-75-(358‘.1,9‘'13.‘3.>12#

' ' ' ' ' ' R + $'

305' <0(7-52' (18' E7.I'2'.12' .;' (,,' ?'182'30(3' >',,' 45' '1<'8513' 3.' 305' E,(13(3'.!$' 3.' 305' 518' 30(3' 30575:E.1' 2.65' (8I'<5' 6(9' 45' 3(?51' ;.7' 305';:71'20'1-' (18' (<<.66.8(3'1-' 3056' 6.23' <.1I5J 1'513,9$' ('8'1-' E7'I(35' '18:2379' (18' <0(7-5' >'30' E:4,'<' <(75' (18' .7857#

0:2' '0(I5' 5GE752258' 3.' 9.:7' (0̸5239' 30.25' 2'6E,5' (18' >5(?' <.-'3(3'.12$' >0'<0' ' 0(I5' 0(8' '1' 6925,;' 3.:<0'1-' 30'2' <(:25'1' >0575'1' ' 6.23' 0:64,9' 852'75' 9.:7' E(78.1$' (E8' -7(<'.:2' (<<5EJ 3(1<5'.;' 69' -..8' (;;5<3'.1' (18' '13513'.1# .7' '0.,8' '3' ;.7' (' 7:,5' 30(3' 30575' 45,.1-530' 3.' -75(3' 6.1(7<02' ;7.6' ;('30;:,' 257J I(132' 1.3'.1,9' 305' 37'4:35' .;' 8:39$' 4:3' 305' .4,(3'.12' .;' <0557J ;:,1522' .;'05(73# 18' 2.' 'E7(9' 305' ,6'-039' 3.' 4,522' 30'2' -75(3' (<3'.1' >'30' 9.:7' (0̸5239=2' <(75$' (18' 9.:7' <(75' >'30' 0(EE9' 2:<<522#

0'2' >(2' 305' 45-'11'1-' .;' 305' (335 6 E3' 3.' 75<,('6' 305' 1.730' .;' 75J ,(18' AO'30573.' 305' 6.23' :16(1(-5(4,5' E3373' .;' '3D' 3.' .458'51<5' (18' 25<:7'39# .>' '3' 2:<<55858$' ' 20(,,' 0(I5' .<<(2'.1' 3.' 51@:'75' 0575J (;357# 05' E7.E.258' 65(2:752' >.:,8' 15<522(7',9' 75@:'75' 3'65$' ;'723' 3.' 45' <(77'58' .:3$' (18' (;357>(782' 3.' E7.8:<5' 305'7' ;7:'32# .7' (' >0',5' 30575;.75' >5' 6(9',5(I5' 3052E' N' .12'857(3'.12$P' (2' 2558' 307.>1' '13.' 305' -7.:18$' (18',..?' ;.7' 305' <7.E' '1' '32' 8:5' 25(2.1#

’ #

/B L# " # HL#

G 2 ,:(7'57 '1 7.0'4'3'.12$P \ 30(3 '2$ 305 8'2E:35*(2 3.’ Q:7'2J 8'<3'.1 453>551 305 .:732 (3 5236'12357 (18 305 7.I'1<'(,’ .:1<',2 .;’ (,52 (18 305 .730$ \ >(2 5I'8513,9 6:<0 :E.1# (<.1=2 6'18 '1 :,9$ /B # N .’ 45 E75E(758 '1 305 6(3357 .; 7.0'4'3'.12 P AE# HFD \ N .’ >7'35 2.65 375(3'25 .;’ (8I'<5 3.:<0'1-’ 7.0'4'3'.12 (18 :7'28'<3'.12 .;’ .:732P AE# HD \ N .’ (8I'25 2.65 <.:725 ;.7 305 .:1<',’ .;’ 305 (7<052 (18 305 .730 # # # @:# .;’ ,'6'3(3'.1 49 (7,'(6513P AE# D \ 305 E.'13 .;’ 305 H 20'752$ (18 3.’ 30'1?3.’ 2533,5 (’ <.:725 '1 '3j AE# LD W \ 30525 (75 (,,’ 656.J 7(18(’ 253 8.>1 (3 8';;57513 3'652 .1 305 2(65 8(9# 05 ;(<3 '2 30(3 305 (3356 E3 >0'<0 0(8 4551 6(85 3>5,I5 6.1302 45;.75 3.’ 2533,5 305 8'2E:35 (2 ;(7 (2 '3 <.1<57158 305 (7<052 .;’ (,52$ >0575 '3 ;'723 (7.25$ 0(8 1.3 E7.I58 5;;5<3:(,# 3 0(8 4551 0.E58 30(3 :1857 305 75;.7658 '1237:<3'.12 >'30 >0'<0 305 15>’ 752'8513 >(2 2513 .:3 '1 305 2:6657 .;’ /B C$ 305 <.137.I5729 >.:,8 0(I5 4551 (,,.>58 3.’ 2,55E T \ 305 7(3057 45<(:25 305 :8-52 0(8 0(8 3'65 3.’ 75<.12'857 305 @:523'.1$ (18 3.’ :185723(18 305 '1<.1I51'51<5 .;’ 305 <.:725 3.’ R0'<0 3059 0(8 A2.65>0(3 '1(8I573513,9$ (2 '3 >(2 30.:-03$D <.6J 6'3358 30562 5,I52# :3 '3 8'8 1.3 3:71 .:3 2.# 7.0'4'3'.12 >575 23',,’ (EE,'58 ;.7$ >0'<0 305 :8-52 23',,’ 30.:-03 '3 305'7 8:39 3.’ -7(131 3',,’ (3 ,51-30 .1 305 B30 .;’ .I56457$ /B $ '1 .7857 3.’ [47'1-’ 305 6(3357 3.’ (8'75<3'22:5$ (’ .:1<',’ >(2 05,8 '1 305 '1-=2 E75251<5$ (3 >0'<0 305 @:523'.1 ’ >053057 305 (73'<,5 .;’ 305 1237:<J 3'.12 3.’ 305 752'8513 3.:<0'1-’ 305 05(7'1-’ .;’ <(:252 >'30'1 305 H 20'752 :1857 / j# >575 (-755(4,5 3.’ 305 ,(>$P >(2 8'23'1<3,9 7('258# 18 >051 .?5$ 1.>’ 0'5;’ :23'<5 .;’ 305 .66.1 ,5(2$ 45--58 3.’ 45 5G<:258 ;7.6 -'I'1-’ (1 (12>57 '1 30(3 E75251<5 (18 .1 305 2:8851$ '3 >(2 (-7558 30(3 305 <(25 20.:,8 45 75-:,(7,9 (7-:58 49 .:125,’ 45;.75 305 :8-52 (18 30(3 3059$ 0(I'1-’ ;'723 05(78 >0(3 305 .:125,’ ;.7 3,'5 7.>1 (18 ;.7 305 752'8513 0(8 3.’ 2(9 '1 85K

a ' ' ' ' # # b 1'E#, #$K

X;51<5 . ;' 305' (73'<,5$ (18' 3051' N' >0(3' (19' <. : ,8' 2(9' (- ('123' 305' 2(65$=
20 . : ,8]753 : 71V305'7' 75E. 73$ >0(3' 3059' 0(8' 05(78#. 1' 4 . 30' 2'852$ (18'
2. ' ,5(I5' 305'Q : 8 - 6 513' 3. ' 305' '1 - #P =
2' . ,'<'3. 7K 5157(,$ (<. 1' >(2' . 15' . ;' 305' <. : 125,' 56E, . 958' 3. '
6 ('13('1' 305' Q : 7'28'<3' . 1' . ;' 305' 7. I '1<'(,' . : 73' . I57' 305' H' 20'752$
(18' 05' 30. : - 03' >5,,$ 51. : - 0' . ;' 0'2' > . 7?' 3. ' '1<, : 85' (' 75E. 73' . ;' 0'2'
2E55<0' (18' 75E,9' (6 . 1 - ' 0'2' ' (7 - : 6 5132' . ;' ,(>' '1' -75(3' (18' 8';;'<:,3'
<(252#P' ,'59' [>575' 85,'I5758' (EE(7513,9' '1' ',(79' 576$ #/A KL$
(18' A45'1 - ' 237'<3,9' E7. ;522'. 1(,' 4 . 30' '1' <0(7(<357' (18' . <<(2'. 10' >',,'
45' ; . : 18' (6 . 1 - ' 305' 7. ;522'. 1(,' . 7?2$.,# # E# C# : 3' (2'
<. 6E. 2'3'. 12' 3. ' >0'<0' 05' 0'6 25,;' (33(<058' (' 6 . 75' 30(1' ; : - '3'I5' I(, : 5$
(18' (2' 6(7?'1 - ' (1' '6E. 73(13' 23(- 5' '1' (' <. 123'3 : 3'. 1(,' <. 137. I5729'
. ;' >0'<0' >5' 0(I5' (,75(89' 05(78' (' - . . 8' 85(,' (18' 20(,,' 953' 05(7' 6 . 75$
A; . 7' 3059' 8. V1 . 3' 2556' 3. ' 0(I5' <. 1I57358' 305' : 8 - 52$D' 30'2' 1 . 3'<5' @;'
3056' '1' 30'2' E,(<5' >',,' 1 . 3' 45' ; . : 18' 2 : E57; , : . : 2#

05' 7523' . ;' 305' ! 5(7' /B L' (EE5(72' 3. ' 0(I5' 4551' (' I579' @ : '53' . 15'
; . 7' (<. 1' 1' (18' 3,u5' 75<. 782' >0'<0' 756('1' . ;' 0'2' . <<: E(3'. 12' (75'
<. 6E(7(3'I5,9' ;5>' (18' 65(-75# 05' ,533572$ 0. >5157$ >0'<0' ; . ,,. >'
>',,' - 'I5' 2. 65' ,'-03' (2' 3. ' >0(3' 3059' >575$ (18' 25715' 3. ' 756'18' : 2'
30(3' 30. 25' E. 73'. 12' . ;' 0'2' ,';5' >0'<0' 6(?5' ,5(23' 20. >' '1' 30'2' <. ,,5<J
3'. 1' >575' 1. 3' 30575; . 75' 305' ,5(23' (<3'I5' . 7' 305' ,5(23' ;7 : '3; : ,#

N' . ;' 5@ : (,,'1 - ' ,(>2' P' b30(3' '2$; . 7' 758 : <'1 - ' 305' ,(>2' . ;' 1 - ,(18'
(18' <. 3,(18' '13. ' (' <. 12'2351 3' <. 85' 49' >(9' . ;' E75E(7(3'. 1' ; . 7' (' E57J
;5<3' : 1'. 1' . ;' 305' 1(3'. 12a' ' 3. ' E7. <558' >'30' 69' 6530. 8$ (18' 3. ' 20. >'
305' '1 - ' 305' 3'3,5' . ;' 757. - (3'I5$ (2' '3' '2' 8. 15' \ 30'2' >(2' . 15' . ;'
305' 656. 7(18(' 253' 8. >1' . 1' 305' B30' . ;' : - : 23$ /B # 18' '3' >(2'
E7. 4(4,9' '1' E : 72 : (1<5' . ;' 30'2' . 4Q5<3' 30(3' . 1' 305' C30' . ;' 547 : (79$
/B KL$ 05' (88752258' 305' ; . ,,. >'1 - ' ,53357$ 305' . 7' - '1(,' . ;' >0'<0' '2'
E75257I58' '1' 305' ,'47(79' . ;' 305' 1157' 56E,5$ 3. ' 7# . >957'\ >0. 6'
' 2 : EE. 25' 3. ' 45' . 4573' . >957$ <,57?' (18' ?55E57' . ;' 305' . ,,2' . ;'
0(1<579' (18' (,,' . 3057' . ,,2' (18' 5<. 782' '1' 305 . >57#

7# . >957$ ^
' 7565645 7' ' 4 . 77. >58' . 1<5' . ;' 7# 515(- 5' (' <. ,,5<3' . 1'
. ;' 0'2' A(' ,(7 - 5' . 15D' 6(85' . ;' <573('1' 75<. 782$ 2E5<'(,,9' 2 : <0' (2'
<. 1<57158' 305' '1 - =2' E757. - (3'I5' (18' - 7(132' (18' . 78'1(1<52$
(18' . 3057' 6(33572' . ;' 30(3' 1(3 : 75# ;' 30'2' ' 8. : 43' 1. 3' 4 : 3' 9. :

7 (''28# # $E# H/ #
' 1157' 56E,5' '47(79$ L' A ' (18' BD' F $. # /C$;. # CL$. 7' - # . >1' 0(18#

0(I5 <.E'52 ! (1(30575;.75 69#75@:523 '2 30(3 9.: >',, ,518 65 .15 .; 3056$;.7 2.65 3'65$ (18 '3 20(,, 45 2(;5,9 7523.758 3. 9.: (18 '; '3 0(I5 4551 2'1<5 517'<058 49 15>(88'3'.12 .; 9.:7 .>1$ / 20(,, 45 305 6.75 450.,8'1- 3. 9.:# . 756('1$

1

.:7 ,.I'1- ;7'518$

1# #

0'2 C30.; 54#/B #

3 '2 E.22'4,5 30(3 305 6(1:2<7'E3 '1 305 7'3'20 :25:6 A (7,# # C /C$ HF0 X6513'.158 '1 7# 5(30=2 -5157(, E75;(<5 3. 305 ! 7.;522'.1(, .7?2$ \ 45'1- (<.,,5<3'.1 .; 305 <.66.1 ,(> 75,(3'1- 3. 305 757.-(3'I5$ \ >(2 87(>1 :E >'30 75;5751<5 3. 30'2 4:2'1522# 18 30575 (75 .15 .7 3>. 3057 ;7(-65132 .; N E75E(7(3'.1 ;.7 305 :1'.1 .; ,(>2$P >0'<0 >',, 45 ;.:183.>(782 305 518 .; 305 I.,:65# :3 (2 305 E7.05<3 .; (,5-'2,(3'I5 :1'.1 8'8 1.3 E7.2E57 (18 0(8 2..1 (;357 3. 45 (4(18.158 (2 '137(<3(4,5$ 3052E 45-'11'1-2 .; 305 >.7?>.:,8 1(3:7(,,9 45 ,('8 (2'85 (,.1- >'30 '3$!3. >('3 ;.7 (6.75 ;(I.:7(4,5 25(2.1 >0'<0 8'8 1.3 <.65#]

F#

>. .7 30755 ,533572 3. (,'24:79$ <.1;'158$ (2 :2:(,$ 3. 6(33572 .; .78'1(79 .:;'<'(, 7.:3'15$ (75 <0''5;,9 I(,:(4,5 (2 <.1;'76'1- .:7 E75J I'.:2 '6E7522'.1 .; 305 75,(3'.1 453>551 305 651$ (18 20.>'1- 30('3 <.13'1:58 :1<0(1-58# 18 (I579 2'1-:,(7 ;(<3 '3 '2 30(3 A305 852'75 .1 % : E(73 3. 45 .1 6.75 '13'6(35 3576 2 >'30 0'2 <.:2'1 45'1- 2. 237.1- (2 49 305 5I'851<5 .; 305 .6651 3(7':2 >5 ?1.> '3 3. 0(I5 4551 305 .1,9 <.66:1'<(3'.12 453>551 3056 .; >0'<0 <0(1<5 0(2 E75257I58 (19 75<.78 20.:,8 45 .; 30'2 756(7?(4,9 <.,.:7J ,522 <0(7(<357#

.1<571'1- 305 6(33572 .; >0'<0 3059 375(3 0(I5 1.3 4551 (4,5 3. 8'2<.I57 (19 E(73'<:,(72$ 6.75 30(1 6(9 45 -(305758 ;7.6 305 ,533572 3056 25,I52#

. 2 2 % $ /)%

3 6(9 E,5(25 9.:7 .7820'E$

05 (22:7(1<5 >0'<0 49 9.:7 .7820'E=2 8'75<3'.1 >(2 3. 45 E(2258 3. 0'2 (05239 49 '<0(78 .75451<0$ .15 .; 305 95.J 651 .; 305 :('K8$.; .3357=2 (7?$ >'30'1 305 E(7'20 .; 0573259$ '1 305 <.:139 .; :7759$ '2 30.7.:-0,9 E57;5<358 2. (2 '; 9.:7

/F ' ' ' ' ' # b 1 7# #

.7820'E' 2.' E,5(25$ 05' 7((9' 7555'I5' 305' 6.159' 9.:7' .7820'E' (-7558' 3.' E(9' ;.7' '3#
ﬂ .:7' 2# 6.23' 0:64,5' (18' 4.:185:$
; % ' #
7(9=2' 11$ 305' B30' .;' :,9' /B L#

.' ' K

3' 6(9' E,5(25' 9.:7' -..8' .7820'E$
0.:-0' 7# 0(1<5,,.7' (18' >5' 752358' :E.1' 305'.,8' 7.J <,(6(3'.1' >0'<0' 7# 33.7159' 47.:-03' ;.730$' ;.7' 6(3357' .;' 37(12E.73(3'.1' .;' -.,8' (18' 2',I57$ 953' 45<(:25' ' <.:,8' 1.3' 35,,' >053057' '3' >575' 30(3' 9.:7' Q.7820'E',..?58' ;.7';7.6' :2$ (18' 45J <(:25''; 9.:' 20.:,8' 45' .;' .3057' .E'1'.1' 30'1-2' 7(.:-03' 45' '1' 75(8'1522$' ' 2518' 9.:7' .7820'E' (' 87(:-03' .;' (' 15>' 7.<,(6(J 3'.1$ >0575'1' ' 0(I5',?5>'25' 3.:<058' 305' E.'13' .;' <0(1-5' '1' 30(3' 6(1157' (2' >(2' 6.23' (-755(4,5' 3.' 30(3' ' <.1<5'I58' .;' 9.:7' '13513#
05' 751<06(1$' (;357' ' 0(8' -'I51' 0'6' (' 8(9$ >0'<0' >(2' 305' 6.77.>' (;357' 9.:7' .7820'E=2' 85E(73:75$' 15I57' (3351858' 1.7' <(,,58' :E.1' 305' 6(3357' 2'1<5# '7' 5# 5I5,,' 0(30' 2513' :EK(' 2.,'<'3.7' .;' 305' <(:25$' 3.' >0.6' ' E57<5'I5' 49' 7# (,I573' 9.:7' .7820'E' '2' E,5(258' (' <.E9' .;' 0'2' (12>57' >051' '3' 20(,,' 45' 3(?51' 6(9' 45' 85,'I5758# .' E7(9'1-' ;.7' 9.:7' -..8' 05(,30' (18' 0(EE'J 1522' ' 0:64,9' 3(?5' 69' ,5(I5# 7.6' 7(9=2' 11' 30'2' / 30' .;' :-:23' /B L#
.:7' # 6.23' 0:64,5' (18' 4.:1851$
; ' #

.' 2' ,

3' 6(9' E,5(25' 9.:7' .7820'E$
<<.78'1-' 3.' 9.:7' .7820'E=2',53357' =2518' (1' (4237(<3' .;' 305' 4.182' (18' <.18'3'.12' 3.:<0'1-' 305' 85E.E:,(3'.12$ >057549' '3' >',,' (EE5(7' :13.' 9.:7' .7820'E' 30(3' (,,' 305' (73'<,52' (18' 47(1<052' .;' 305' <.18'3'.1' <.12'23' .1,9' .;' 6(3357' .;' 75;.76(3'.1' '1' 305' <.:1379$' (18' 1.3' .;' (19' 4515;'3' 3.' 305' '1-$' .3057>'25' 30(1' 30(3'305';.7;5'3:75' '1' E.'13' .;',(>' 45,.1-530' 3.' 0'2' (Q5239T

! # # D.6# (652' #' I.,# G,I''# .# CH# 7'-# .>1'4(18#
j # # .6# (652' #' I.,# G,I''# .# FC# 7'-# .>1','(18$.<?5358' /H30'
<'R3#$ /B L#

4:3' 3051' 305' 75;.76(3'.1' '2' (3' ,(7-5# .' ' 1579'0:64,9'3(?5' 69',5(15#

.:7' .7820'E=2'6.23'0:64,5'(18'4.:1851$

; %' #

ƒ 7(9=2' 11'305'G'''30'.;' 5E3# /B L#

H#

ƒ 0575''2',?5>'25'(',53357'3.' '7' '<0(5,' '<?52$75,(3'1-'3.'2.65'<.66'22'.1'<.1<571'1-'305' '1-=2'2571'<5''1'>0'<0' (<.1'>(2'51J-(-58'(4.:3'30'2'3'65ˆ4:3' '0(15'1.3'2:<<55858''1'8'2<.157'1-'>0(3'305'4:2'1522'>(2# .'6(19'1(652'0.>5157'45'1-'6513'.158''1'<.1J15G'.1'>'30' '3$>5'6(9'<.1<,:85'30(3' ';' '3' 0(8'4551'('30'1-'.;''6JE.73(1<5'37(<52'>.:,8'0(15'756('158'49'>0'<0' '3' 6'-03'0(15'4551''8513';'58ˆ (18'2.'305';(',:75'.;'305'25(7<0' 6(9'45'3(?51'(2'('?'18'.;'51'851<5'30(3'305'30'1-'>.:,8'1.3'45'>.730';'18'1-#

.' %' (#+ , ' #:,/S

'7$

0575''2'('<.66'22'.1'3.:<0'1-'305' '1-=2'2571'<5'3.'455G5<:358'(3'9.:7'0.:25'.1' :528(9'15G3T' 05' .66'22'.1572'(75' 7# 5<.7857'.;' .18.1$' '7' .01' 5115333$' '7' 0.6(2'.8,59$(18'6925,;# 0575'(75'4,(1?2',5;3';.7'.3057'1(652'2:<0'(2'9.:'1'9.:7'>'28.6'20(,;'30'1?';'3'3.';',,# 7# .7851''2'>'2058$;.7'3,'5'453357'<.:1351(1<5'.;'305'2571'<5$(18' '7' 0.6(2'.>5''2'2E.?51'.;$4:3'30525'(18'.30572'(75'>0.,,9',5;3':13.'9.:#

3'>',;'3(?5':E'('>0.,5'(;3571..1$(18'30575;.75'1.'7565899'4:3'>5'6:23'8'15'>'30'9.:T'4:3';.7'30(3'9.:'(75'1.3'2.',33,5''1'-7(<5'>'30' 7# 0(1<5,,.7'4:3'9.:'6(9'0(15'(,,.>(1<5$305' G<05@:57'45'1-';'723';:,,T 0575.;' ' 30.:-03' 6.23' 15<522(79'3.'-'15'9.:'1.3'<5# .'K'756('1

.:7'(22:758'-:523'(18';7'518$

; %' #

0'2' :18(9'(3'(;3571..1#

b :-:23'B#/B L=a#

:3' ';'305'75<.782'.;' (<.1=2'.;;'<'(,'>.7?'(75':1:2:(,,9'2<(139'30'2'95(7$>#50(15$.1'305'.3057'0(18$6.75'15>2'30(1':2:(,'.;'('>.7?'>0'<0' '2'(2'6:<0'6.75''1357523'1-'3.':2'1.>$(2''3'>(2'3.'0'625,;'3,'5:# >'1-'3.'305'4(1'20651 3'.;'0'2';7'518'.49' (3305>$49

ƒ :12<,# # G<'#;.# LF# 7'-'1(,T .>1',''(18'T (,,'4:3'305'8(35#
=' 05'>.782'>'3,''1'47(<?532'('=<'1'(1.3057'0(18# $

' F

X>0'<0 (' E572.1(,' '1357<.:725' >0'<0' >.:,8' 0(I5' E(2258' :175<.7858' >(2'3:7158'Q'13.' (1' '1357<.:725' 49',533572$'2.65'.;' >0'<0' 0(I5' 4551' E75257I58$' >5' -53' 30'2' 95(7' (','33,5' '1;.76(3'.1' (2'3.' 305' E7.-7522' .;' 305' 75(3' 123(:7(3'.1# .23' .;' 305' ,533572' (75' :1,:<?',9' >'30.:3' 8(35$' (18' 305' >7'3'1-2' 51<,.258' .7'75;57758' 3.' (75'1.3' (,>(92'75<.-J 1'2(4,5' 49' 305' 852<7'E3'.1# :3' 305' (,,:2'.12' (5' '135,,'-'4,5' 51.:-0' 3.'Q:23';9' (' <.1Q5<3:75' (2'3.' 305' .7857' '1' >0'<0' 3059' >575' >7'3351$' (18' ';' 3059' 05'75(8' '1' <.115G'.1' >'30' 305' 30'78' E(73' .;' 305' 0',.J 2.E0'<(,' >.7?2' (2'253' .:3' '1'30'2' 58'3'.1$' A255' 52E5<'(,,9' EE# FKB ' .;' .,# #D' >5' 6(9',5(71' ;7.6' 3056' (' -..8' 85(,' 30(3' >5' 20.:,8' 1.3'.3,'57>'25' 0(I5' ?1.>1' (2'3.' 305' <.:'=25' (18' 305' 2E'7'3' '1' >0'<0' 305' -75(3' 51357E7'25' >(2' E7.<558'1-#

.65' .;' 3056' <.65';7.6' 0'2' .>1' <.,,5<3'.1$' (18' 2.65';7.6' '7' .49' (3305>=2'↑ (18' ' 0(I5'(77(1-58'3056' '1' 305'.7857' >0'<0' 25562' 3.' 65' 6.23' E7.4(4,5# 2'3.' 305' E(73'<:,(7' 8(352' .;' 5(<0$' 30575' '2' 2<(7<5,9' 51.:-0' 3.' 0(1-' (' <.1Q5<3:75'.1# .49' (3305>$' (2' ' 0(I5' (,75(89' 4(8'.<<(2'.1'3.' .42571I5$' (EE5(72'3.' 0(I5'E:7E.25,9'.4,'357(358' .7' 8'2-:'258' 1(652' (18' E(73'<:,(72'↑ (18' ';' 305' 05(8'1-2' >575' '1J 257358' 49' 0'625,;' A>0'<0' '2' 8.:43;:,\;.7' 305' <.,,5<3'.1' >(2' 1.3!' E:4,'2058' 3',,' (;357' 0'2' 85(30D' >5' 6:23' h.1<,:85' 30(3' 45' 0(8' 5'3057' ;.7-.3351' 305' 8(352'.7' '1351858' 3.' <.1;:25' (18' <.1<5(,' 3056#

05';'723',533571' <.652';7.6' (<.1=2' <.,,5<3'.1' (18' 6:23' 0(I5' 4551' >7'3351',(35'51.:-0' '1' /B L' 3.' (,,.>' 3'65';.7'3,'5'15>2'.;' :?5' 578'1(18=2'85(30' A/C' 54#$ /B KLD' 3.' 0(I5'75(<058' 1-,(18'\' (18' E7.4(4,9'1.3' 6:<0',(357'↑ 45<(:25' '3' E(77'58' (' <.E9'.;' 305' % ' ' ' (D ' ' .;' >0'<0' 30575' >575' <.E'52' '1' <'7<:,(3'.1' (2' 5(7,9' (2' 5<56457$ /B #

' < , ,%' ' (%' (+ , ')#+ ' /)% ' (K

7# (3305>$

' 05(73',9' 30(1?' 9.:' ;.7' 9.''7' ,53357' .;' 305' / 30' .;' 5K' 47:(79$' (18' (6' -,(8' 3.' 75<5'I5';7.6' 9.:' 6(3357' 4.30' .;' 51K' <.:7(-5651;' (18' (8I573'25651'3.:<0'1-' 69'>7'3'1-2# .7'69' E(73' ' 8.' >'20' 30(3'2'1<5' 30575' '2' (,6.23'1.' ' %% ' '1' 305' >.7,8$' 4:3' (,' ' (18' % ,' '1;:258' '1' (;;5<3'.12' (18' 4,..82' .7'0:6.:72$' 30(3' 30525' 30'1-2' .;' 6'15' 0(8' 30.25' 25E(7(3'.12'30(3'6'-03' 6(?5'3056' 6.75'(<<5E3(4,5'↑ 2.'30(3' 3059' <,('6'1.3'2.' 6:<0' (<@:('13(1<5' .;' 305' E75251'3'3'652$' (2' 3059' 45' 3057549' 305',522','?5'3.',(23# 18'3.' 205>'9.:'30(3' ' 0(I5'2.65' E:7E.25'3.' 15>K6.:,8' 3056$' ' 2518' 9.:' (',5(;'.7'3>.' .;' 305' 75K

' 88,# # F#;.# F'4#<.6E(758' >'30' %+ ;'E# C#

;(<5$ <(779'1-' 2.65' ;'-:75' .;' 305' >0.,5' >.7?W >0575'1' 'E:7J E.25' 3.' 3(?5' 30(3' >0'<0' ' <.:13' 75(,' (18' 5;;5<3:(,' .;' 4.30' >7'3'1-21' (18' <0'5;,9' 3.' (88' E,58-5';'1.3'E(9651 3.' 69' E7.K']6'25#*' 2518' 9.:' (,2.' (' 656.7'(,'.;'%:551' ,'M(4530$' 3.' 75J @:'35'9B:7'5,.-9'.;'305',(35' :?5'.;' ,.751<5=2';5,'<'39#^' ;'30'2$' >051'9.:' >575'0575$' 205>58'9.:'2.65'6.85,1' 30.:-0' (3'30(3' 3'65' 6530.:-03' 9.:' >575' 6.75' >',,'1-' 3.' 05(7' :,':2' (52(7' 30(1' %:551' ,'M(4530' <.6651858# :3' 30'2' >0'<0' ' 2518' '2' 6.75';: $ (18' 0(30' 6.75'.;'305'1(77(3'I5'W (18';:73057$'0(30'.15' E(73'30(3' '30'1?' >',,' 1.3' 45'8'2(-755(4,5' 5'3057' 3.' 9.:' .7'30(3' E,(<5' 45'1-' 305' 37:5' 37(<?2'.;'057' E7.<558'1-2'3.>(782' 305' (J 30.,'<2$' >0'<0' (75' '1;'1'35,9' 6'23(?51# 18' 30.:-0' ' 8.' 1.3' '6(-'15' 3059' >',,' E(22' (,,.>(1<5' 30575$' 953' 3059' >',,' -('1'9.:7' 5G<:25#^' ';'18' 7# 5'O''75R!'3.' :25'9.:' >5,,' A' 65(1'0'2'3.1-:5' .;'9.:D$' >0'<0' 205>2'9.:' 5'3057'0.1523'.7'>'25# :3'30'2' '2E5(?' 6577',9# .7'1'-..8';('30' '8.' <.1<5'I5'0.E5'30(3'9.:' >',,' 2.' -.I571'9.:725,;$ (2' >5' 6(9'3(?5'9.:' 3(2' (22:758,9';.7'(' -..8' 2:4J Q5<3' (18' E(37'.3$$(2'9.:' 3(?5'9.:725,,';.7'(' -..8' 07'23'(1' (18' 2.' >5' 6(9' (-('1' 51Q.9'9.:7'<.6E(19$' (18' 9.:' 9.:7'<.12<'51<5$' ';'3' 6(9' 1.' .3057>'25' 45# .7' 69'E(73$' (22:75'9.:725,,';30(3'A(2' >5'2(9'1'305',(>D' ' ;'69',.I5' (18' -..8' >'2052' 3.' 9.:' (75' 1.3'8'6'1'2058# 18' 2.' '756('1 \

05' 15G3' ,53357'<.652';7.6' '7' .49' (3305>=2'<.,,5<3'.1$' >0575' '3' '2' E7'1358' >'30' 305';.,,.>'1-'05(8'1-W\N' 7# (<.1$' 49'>(9'.;' (8I573'256513'.;' 25I57(,'30'1-2''1'(';(6','(7'>(9$' 3.' 305'2(65';7'518' (18' 257I(13'.;'0'2#P' 0'2$';'<.775<3$'>.:,8'6E,9'30(3''3'>(2'>7'3351' 45;.75'305' F78'.;' :,9$'/B F$'>051' 7#R (<.1'45<(65' '7' 7(1<'2'W 4:3' 30(3'<(11.3' 45'7';.7'305'7 * % ' '5 ' >R(2 1.3'3051' '1' 5G'2351<5# 05'51'851<5'.;'305'05(8'1-'45'1-'253'(2'85'30575;.75' (2'1(86'22'4,5$'>B' (75',5;3';755'3.'<0..25'305'8(35'>0'<0'2556 2',?5J ,'523# 18'305'3576 2''1$>0'<0' (3305>=2'23(35'.;' 6'18''2'2E.?51' .;$ '1'<.115G'.1' >'30'R,.9(,39$± U0.15239$± UE(3'I5'<.:1379$± (18' U37:23' >'30'305'23(35$±2556'3.'65'3.'<(779'(' 2',513' (,,:2'.1'3.'0'2

R 05'<.E9'1'305'U 52:2<'3(3'.'± 0(2' ;'>'30'.1,9'(''<.66('(;357''3$'(2';' 30'2'<,(:25'R5;57753,'3.'305' 56.7'(,'.;' ,'M(4530# ';.,,.>'305' #

/' 45,'5I5'305'.,8'239,.'>(2'23',;'1':25'1' ,.751<5# * + ' 4% ''1' 52#

R N'5''#'5:7''2'753:7158';7.6' ,.751<5' ' % 2' ,1:1457,('1'3.' (7,3.1$'F (1#$'/B KL#

/FK/# ' ' ,', ' ' ' #' R : $'

<0(1-5' .;' 75,'-'.1'\ '1' >0'<0' <(25' '3' <(11.3' 45' E,(<58' 5(7,'57' 30(1'
/B #' .!' 6:<0',(357' ';'18' 1.' 65(12' .;' 85357 6'1'1-#

.' (%' (+, S
'7$
>.' ,533572' .;' 6'15' (75' 1.>' (,75(89' >(,?'1-' 3.>(782' 9.:'
4:3' 2.' 30(3' >5' 6'-03' 6553$'3' >575' 1.' 6 (3357' 30.:-0' .:7' ,533572'
20.:,8' ,.25' 305'7' >(9# ' 6(?5' (' 20';3' '1' 305' 65(1' 3'65' 3.' 45'
-,(8' .;'9.:7' (EE7.(<052$' (18' >.:,8' 45' 6.75' -,(8' 3.' 45' (1' (-513'
;.7'9.:7' E75251<5$' >0.' 0(15' 4551' (' E(3'513' 49' 9.:7' (4251<5# ;'
9.:7K4.89' 49' '18'2E.2'3'.1' 6(?5'9.:' (<?1.>,58-5' 305' 05(,30;:,'
('7' .;'9.:7' 1(3'15' <.:1379$' 6:<0' 6.75'8.' ' (22:75' 6925,;'30(3'
9.:' <.13'1:5' 3.' 0(15'9.:7' 6'18' 1.' >(9' 5237(1-58# 18' (2' 69'
37:23' >'30' 305' 23(35' '2' (4.15' 2:2E'<'.1$' 2.' 69' ?1.>,58-5' 4.30' .;'
9.:7' ,.9(,39' (18' 0.1523' 1(3:75' >',,' 5157' 6(?5' 65'20.>' 6925,;'
9.:7' ;('30;:,' ;7'518' >'30.:3' 2<7:E,5# .:' 0(15'75(2.1'3.' <.6J
6518' 30(3' -513,56(1' 3.' 65$' 49' >0.6'9.:' 2513' 9.:7',(23$' (,J
30.:-0' 0'2' 0(I'1-' 37(15,,58' 2.',.1-'(6.1-23' 305' 2(8857' 1(3'.12'
.;'305' >.7,8' 6(?5'0'6' 7(1<0' 305',522' 5(29':E.1' 26(,,' (<@:('13J
(1<5' 3.' 45':185723..8# ' 0(15' 2513' 9.:' 2.65' <.E'52'.;' 69' 4..?'
.;'305' 7 * % ,' >0'<0' 9.:' 852'758' (18' (',33,5' >.7?'.;' 69'
75<75(3'.1$' >0'<0' 9.:' 852'758' 1.3# 9' ' 7525715'
;.7'.:7' <.1;5751<5' '3' 2,55E2' 1.3# 0.25' >.7?2' .;'305' 7 D '
(75' '1' 69' .E'1'.1' .;',522' :25' 3.' 9.:' >0575' 9.:' (75'1.>$' 30(1' (3'
(7'2' (18' 30575;.75' ' <.1<5'158' 30(3'9.:' 0(8' 2513' 65' (' ?'18'
.;' 3(<'3' <.:13576(18' .;'9.:7' ;.7657' 75@:523# :3' '1' 75-(78'
30(3' 2.65' ;7'5182' .;'9.:72' 0(15'23',,' '12'2358' 0575$' ' 2518' 3056'
3.' 9.:' (18' ;.7' 69' E(73K$' ' I(,:5'9.:7' .>1' 75(8'1-' 6.75' 30(1'
9.:7' E:4,'20'1-' 3056' 3.' .30572# 0:2$' '1' 5G375 65' 0(235$' ' 0(15'
2<7'44,58' 3.' 9.:' ' ?1.>' 1.3' >0(3$' >0'<0' 30575;.75' '2' 305',522'
(;;5<358$' (18' ;.7' 30(3' 1579' 75(2.1' >',,' 1.3' 45' ;523557(58' 305',522'
49' 9.:#

0(3' 30525' N' >.7?2' .;' 305' (,E,'(453' P' 6(9' 0(15' 4551$' ' <(11.3'
-:522' :1,522' 3059' 75,(358' 3.' (<.1=2' <'E057' ' '1' >0'<0' 49' 65(12' .;'
3>.' (,E0(4532$' .15' 0(I'1-$.1,9' 3>.' K,533572$' 305' .3057' 0(I'1-' 3>.'
;.762' ;.7' 5(<0' .;' 305' 3>5139K;.:7',533572$' (19' >.782' 9.:' E,5(25' 6(9'
45' 2.' >7'3351' (2' 3.' 2'-1';9' (19' .3057' >.782$' E7.I'858' .1,9' 30(3' 305'
.E51' >7'3'1-' <.13('12' (3',5(23';'15' 3'652' 12' 6(19',533572' (2' 305' <.1J
<5(,58# A 55' 0',#' .7?2$' .,#' #' E#' B LD#' 3' '2' 1.3' '6E.22'4,5'30(3

č '7' .,09' :330.>=(.,,5<3'.1'.;' 53357($' E#' /H#

/FB <2 21 ' 3' < 22' " ' ;1 ' " ' R + $'

30575.;' ' 75(8' >'30' 6 :<0' <. 6 ;. 73$' 49' 0.>' 6 :<0' 6 .75' 69' 05(73'
'2' :E.1' '3T' (18' 49' 0.>' 6 :<0' ,522' ' 5GE5<358' <. 1251 3' (18' <. 1J
<:7751<5' '1' (' 6 (3357' 2.' .42<:75# ;'30'2' ' <(1' (22:75' 9.:$' 30(3'
30.:-0' 6 (19' 30'1-2' .;'-75(3' 0.E5' 85<(9' >'30' 9.:30' A(18' 6 :,3'J
3:85' .;'<'I','4:2'152252' '2' >.13' 3.' 8'6'1'20' 305' E7'<5$' 30.:-0' 1.3'
305' 85,'-03$' .;' <.1356E,(3'.12D$' 953' 305' E7.<558'1-' '1' 30(3' >.7?'
8.30' -('1' >'30' 65' :E.1' 69' (;,5<3'.1' (18' 852'75$' 4.30' 49' 95(72'
(18' 4:2'152252# 18' 30575;.75' ' 0.E5$' 5151' 49' 30'2$' 30(3' '3' '2'
>5,,' E,5(2'1-' 3.' .8$' ;7.6' >0.6' (18' 3.' >0.6' (,,' -..8' 6.I52#
.' '6' ' 6.23' 05(73',9' <.6 6518' 9.:#

3' ,(23' >5' <.65' 3.' (' ,53357' >'30' (' 8(35'W\ (' 8(35' >0'<0' 6(9' 45'
3(?51' (2' <.1<,:2'I5' .;' 305' 3'65' >051' '3' ' 9 ' ' (18' (2' 1.'
@:523'.1'3''(3' ' ?1.>'.;'85E5182' :E.1' 305' 3'65' >051' '3' >(2'75<5'I58$'
'3' >',,' 257I5' .:7' E:7E.25' (2' >5,,' (2' ';' '3' 0(8' 4551' 852E(3<058' (18'
85,'I5758' '1' 8:5' <.:725# 3' '2' (88752258' 3.' .49' (3305>$' (18' >(2'
65(13' 3.' (<<.6E(19' (1.3057' E'5<5' .;' 305' ' # ' ,J
75(89' '1' (' ;.7657' ,53357$' (2' >5' 0(I5' 2551$' 05' 0(8' 2513' 0'6' N' (' ,5(;'.7'
3>.' .;'305' 75;(<5$' <(779'1-' 2.65' B-:75' .;'305' >0.,5' >.7?' ' >0575'1'
05' E:7E.258' 3.' 3(?5' >0(3' 05' <.:1358' 75(,' (18' 5;;5<3:(,' .;' 4.30'
>7'3'1-2#P' 0'2' 6(9' E570(E2' 0(I5' 4551' 305' I579' F e ' >0'<0' '1J
37.8:<52' 305' C D ' ' A .,# # E# / D$' >0'<0' >(2' 852'-158'
3.' 23(18' (2' 75;(<5' 3.' 305' >0.,5' ,' (18' 305' (7-:651 3' .;'
>0'<0' '2' 30:2' (11.:1<58'W F ' ' % ,'0 ' ' ' 4'
' ' . ' ' % ' ' 0 0 ' ' ' 0 ' D '
^% ' ' * ' ' ' % ' ,' ' ' % '
4 ,' ' ' ' . ' ' P ' ' ' ' ' 0(3' 305'
23(35'#.;' ?1.>,58-5' '2' 1.3' E7.2E57.:2' 1.7' -75(3,9' (8I(1<'1-'W (18'
30(3' (' >(9' 6:23' 45' .E5158' ;.7' 305' 0:6(1' :185723(18'1-' 513'75,9'
8';;5751 3' ;7.6' (19' 0'30573.' ?1.>1'T (18' .3057' 05,E2' E7.I'858' T '1'
.7857' 30(3' 305' 6'18' 6(9' 5G57<'25' .I57' 305' 1(3:75' .;' 30'1-2' 305'
(:30.7'39' >0'<0' E7.E57,9' 45,.1-2' 3.' '3#P' 0(35157' '3' >(2' '3' 2556 2'
30(3' #(3305>' 0'-0,9' (EE7.I58' (18' (EE,(:85< 3' 3(?'1-' 5G<5E3'.12T'
0.>5157' 3.' 2.65' .3057' E(732' .;' 305' >67?' (2' ,'?5,9' 3.' .;;518' 3,'5'
0:7<0651# (<.1' 1.>' E7.E.258' 3.' 2518' 0'6' (1.3057' E'5<5$' \ '
>0'<0' '2' 2:EE.258' 49' # .:',,53*' 3.' 0(I5' 4551' 305' N% + ' F)'
' 18' <573('1,9' 305' 3576 2' '1' >0'<0' '3' '2' 2E.?51' .;' (75'
5G(<3,9' (EE,'<(4,5' 3.' 30(3' ;'15' <.6E.2'3'.1'T 305' 6.23' E57;5<3' E'5<5$'
E570(E2$';.7' ;.76' (18' 5G5<:3'.1' 30(3' (<.1' ,5;3' 450'18' 0'6'T '1'
>0'<0$' :1857' 305' ;.76' .;' (' 2E55<0' 2:EE.258' 3.' 45' (88752258' 49' ('
E0',.2.E057' '1' (7'2' 3.' (1' (22564,9' .;' 2(-52$' 305' >0.,5' 2:4Q5<3' .;

U :I752' 0',.2.EO'@:52' 85' (<.1$' I.,# k# E# HB#

>',,.>2 ;.>0',5 305 >'182 4,5>$ 305 >'18K6',,2 >7.:-03$ (18 305 >(357K6',,>(2 ,522 <:23.658# . 255 30(3 <.137.I572'52 .;75,'-'.1 6:23 0'1857 305 (8I(1<56513 .;2<'51<52# 53 65 <.15,:85 >'30 69 E57E53:(,>'20 3.>(782 9.:725,;$ 30(3 305 (EE7.4(3'.1 .;9.:'25,;$ 49 9.:7 .>1 8'257553 (18 356E57(35 5(7K 7'(-5$ 6(9 7523.75 9.: 3. 9.:7 <.:1379$ (18 9.:7 ;7'5182 3. 9.:7 2.<'539# 18 2. <.6 6518 9.: 3. .8=2 -..81522#

7(9=2K 11$30'2'/ 30 .; <3.457$ /B L#

3 25562 30(3 30'2 ,53357 0(8 3.>('3 2.65 3'65 ;.7 '32 51<,.2:75$ 305 E(E57 >0'<0 >%p2 3.-.>'30 '3 1.3 45'1-;'1'2058$ .7 305 <.E9 1.3 6(85 (18 45;.75 '3 >(2 852E(3<058 305 ;7'518 307.:-0 >0.6 '3 20.:,8 0(15 4551 ;.7>(7858$ (18 >0.>(2 (;7'518 .; (3305>=2 (2 >5,'(2 (<.1=2$ 8'58# 05'(88'3'.1 .;2:<0 ('E'5<5 .;15>2 '18:<58 (<.1 3.>7'35 0'2 ,53357.I57 (-('11 (18 2. 4.30 <.E'52 0(15 4551 E75257I58 ;.7 :2$ 305 ;'723 '1 0'2 .>1 <.,,5<3'.1 (18 305 25<.18 '1 (3305>=2# 0575 <(1 45 1. 8.:43 30(3 30'2 '2 305 37:5 0'23.79 .; 305 75,(3'.1 453>551 3056# G<5E3 ;.7 305 6513'.1 .; 305 ;7'518=2 85(30$ (18 ('E(73'1-'>.78 .1 305 % A.;>0'<0 (<.1 >(2 E7.4(4,9 756'1858 '1 75(8'1-.I57 (-('1 (3305>=2 ,(23 ,53357D$ '3 >',,45 2551 30(3 305 2:4Q5<3 (18 2:423(1<5 .;305 3$>.'2 3,'5 2(65" (18 305 8';;5751<52 .1,9 2:<0 (2 >.:,8 1(3:7(,,9 .<<:7 '1 8';;5751 3 I572'.12 .;305 2(65 30'1-'49 305 2(65 6(1 \ 305 ,(357 45'1-' 305 6.75 <.1<'25#

.'30'2$ >0'<0 %5 .>5 3. (33,'5>$ 05 .7 0'2 58'3.7 0(2 E75;'G58 305 ;.,,.>'1-' 05(8'1-# N '7 7(1<'2 (<.1 3. 305# 2(65 E572.1 :E.1 305 ,'?5 2:4Q5<3P b30(3 'Z N3.' (;7'518 (4.:3 75(8'1-' (18 -'I'1-' .E'1'.1 :E.1 0'2 >7'3'1-2 Pa N >'30 (1 (88'3'.1 .;<.18.,'1-' 305 85(30 .;' (;7'518#P :3 305 1(65 .;30'2 ;7'518$ (<<.78'1-' 3. 305 237(1-5 7:,5 >0'<0 05 2556 2 3. 0(15 ,('8 8.>1 ;.7 0'625,;$ (18 >0'<0 0(2 2.6:<0 8'6'1'2058 305 I(,:5 (18 '1357523 .;0'2 <.,,5<3'.1$ 05 0(2 30.:-03 ;'3 3.'2:EE7522# 0(15 1.'8.:43 0.>5157 30(3 '3 >(2 '7 0.6(2 6'30$ \ 305 2(65 .;>0.6 '1 /B C (<.1 852'758 '7 0.6(2 .8,59 3.' N2518 0'6'2.65 -..8 15>2$P UR(18 >0.'8'58 .1 305 30 .; .I56457$ /B L# 5 >(2 (23:851 3 .; 07'23 0:7<0$ (18 45<(65 (<@:('1358 >'30 (<.1 E7.4(4,9 '1 0'2 5(7,9 ,';5 307.:-0 4'2 <.115G'.1 >'30 305 (7,' .; 225G$ 3.'>0.6 05 >(2 (3 .15 3'65 25<75J 3(79# '7<0 6513'.12 0'6 (2 N(,6.23 305 .1,9 E572.1 (8I(1<58 ;7.6 305 (7,=2 257I'<5 3.' 0'-057 E.232W 45'1-' 6(85 ,57? .;' 305 .:1<',$ (18 ,,5-'2357 .;305 (7,'(6513$ (18 (;357>(782 5<753(79 .; 3,'5 (3'1'3.1-:5$ (18 .15 .;305 (23572 .;305 5@:5232#P = ,'5

R .' .,# #'E# FBB#
= 56# .;' ,'M# /# E# ' #

/ L#a ? J " 6 : 23 3,''1? 30(3 305 <.E9 >0'<0 0(2 <. 65 8. >1 3. : 2 >(2 305 ;7 : '3 . ; 6 .75 I(<(3'. 12 30(1 . : 50 305 ,53357 >0'<0 ; .,,. >2 >',, 1558 1. ; : 73057 5GE,(1(3'. 1 .7 '13'=.8 :<3'. 1# 3 <. 652 ;7. 6 (<. 1=2 . >1 <. ,,5<3'. 1#

< , , % + , / + $ $ 2 7 $ / , 0 + / H . S

9 I579 - . . 8 .78$. > 9 . : 7 .7820'E 0(30 4551 2. , . 1- '1 305 <0 : 7<0 (18 305 E(,(<5$ 8'2E : 3'1- 453>551 ?'1-2 (18 E. E52$ 6530'1?2 9. : 20. : ,8 3(?5 E,5(2 : 75 3. , . . ? '13. 305 ;'5,8$ (18 75;7520 9. : 7 6'18 >'30 2. 65 6 (3357 . ;' E0',. 2. E09 30. : - 0 30(3 2<'51<5 45 1. > 307. : - 0 (- 5 >(G58 (<0',8 (- ('1$ (18 ,5;3 3. 4. 92 (18 9. : 1- 651 (18 45<(: 25 9. : >575 > . 13 3. 6(?5 65 45,'5I5 9. : 3. . ? ,'?'1- 3. 69 >7'3'1-2$ 2518 9. : 2. 65 . ;' 30'2 I(<(3'. 1=2 ;7 : '32 (18 30 : 2 6 : <0 6 .75 . ;' 69 6'18 (18 E : 7E. 25# 0(2351 1. 3 3. E : 4,'20 E57'20'1- > . : ,8 E75I513# 18 (6 ; . 7<58 3. 752E5<3 (2 >5,, 69 3'652 (2 305 6(3357# . 7 >'30 65 '3 '2 30 : 2$ (18 30'1?>'30 (,, 651 '1 69 <(25 ';' 4'18 6925,;3. (1 (7- : J 6513$ '3 , . (8530 69 6'18 4 : 3 ';' 7'8 69 6'18 . ;' 305 E75251 <. - '3(3'. 1$ '3 '2 7(3057 (75<75(3'. 1# 0'2 0(30 E : 3 65 '13. 30525 6'2<5, ,(1'52 >0'<0 E : 7E. 25 3. 2 : EE7522$ ';' . 8 - 'I5 65 ,5(I5 3. >7'35 (Q : 23 (18 E57;5<3 I . , : 65 . ;' E0', . 2. E09$ >0'<0 - . . 1 >'30 30. : - 0 2, . >, 9# 2518 1. 3 9. : 7 . 7820'E 3. 6 : <0$,523 '3 6(9 - , : 3 9. 1# . >', 53 65 35, , 9. : >0(3 69 852'75 '2# ; 9. : 7 . 7820'E 45 2. - . . 8 1. >$ (2 >051 9. : >575 305 - . . 8 5(1 . ; 5236 '12357$ 69 75@ : 523 3. 9. : '2$ 30(3 1. 3 49 E7'<?2$ 4 : 3 49 1. 352$ 9. : > . : ,8 6(7? : 13. 65 >0(32. 5I57 20(, , 2556 : 13. 9. : 5'3057 1. 3 < : 77513 '1 305 239,5$. ;' 0(720 3. <758'3 (18 . E'1'. 1$. 7 '1<. 1I51'513 ; . 7 305 E572. 1 . ; 305 > 7'357 ; . 7 1. 6(1 <(1 45 Q : 8-5 (18 E(739 (18 >051 . : 7 6'182 Q : 8-5 49 75;,5<3'. 1 . ; . : 725,I52$ 3059 (75 6 . 75 2 : 405<3 3. 577. 7# 18 30. : - 0 ; . 7 305 6(3357 '325, ;' 69 Q : 8-6513 45 '1 2. 65 3','1-2 ;'G58$ (18 1. 3 (<J <522'4,5 49 (19 6(1=2 Q : 8-6513 30(3 - . 530 1. 3 69 > (9 953 5151 '1 30. 25 30'1-2$ 305 (86. 1'3'. 1 . ;' (;7'518 6(9 6(?5 65 5GE7522 6925, ;' 8'I572,9# > . : ,8 0(I5 <. 65 3. 9. : 7 . 7820'E$ 4 : 3 30(3 (6 0(2351'1- 3. 69 0. : 25 '1 305 <. : 1379# 18 2. <. 6 6518 9. : 7 . 7820'E 3. .8=2 - . . 81522#

1.3057' .;'305';7:'32' .;' 30'2'95(7'>(2'0'2','33,5'4.5?' ' % '
$ 9 ' ' .15'.;'305'6.23'5,5-(13'.;'0'2'>.7?2$'(18$'1'0'2'.>1'(18'
305'15G3'-5157(3'.1$'.15'.;'305'6.23'E.E:,(7# 3'(EE5(72'3.'0(I5'
-7.>1'.:3'.;'('30.:-03'87.EE58'>'30'6:<0'052'3(3'.1''1'305'8J
I(1<56513'.;' 5(71'1-'>%0575$'2E5(?'1-'.;'N' .529' (7(4.,'<(,$PK!'
(18'30(3'.15'.;''32':252''2'N'>051'305'25<7532'(18' 692357'52'.;'75,'J
-'.1$E.,'<9$.7'E0',.2.E09'(75''1I.,I58'1';(4,52'.7'E(7(4,52$P \ 05'
-.52'.1$N' 1' 5(3051'E.529'>5'255'305'5GE.2'3'.1'.;';(4,52'8.30';(,,'
.:3'2.653'652'>'30'-75(3';5,'<'39$ (2''1'305';(4,5'30(3'305' '(132'
45'1-'.I57307.>1$P'53<########N 5I57305,522''1' 6(19'305',?5'51J
<.:13572' '8.'7(3057'30'1?'30(3'305';(4,5'>(2';'723'(18'305'5GE.2'3'.1'
85I'258$30(1'30(3'305'6.7(,'>(2';'723'(18'30575:E.1'305';(4,5';7(658#
####' :3'953'30(3'(,,'305';(4,52'(18';'<3'.12'.;'305'E.532'>575'4:3'
E,5(2:75'(18'1.3';'-:75$''1357E.25'1.'.E'1'.1# :75,9'.;'30.25'E.532'
>0'<0'(75'1.>'5G3(13$'5I51' .657'0'625,;$A1.3>'3023(18'1-'05'>(2'
6(85'('?'18'.;' <7'E3:75'49'305',(357'2<0..,'.;'305' 75<'(12D$'953'
'20.:,8'>'30.:3'(19'8';,'<:,39'E7.1.:1<5'30(3'0'2';(4,52'0(8'1.'2:<,"
'1>(781522''1'0'2'.>1'65(1'1-'&. ,'9 '-' '*' ' '
' ' ' ' ' ' -' ' ';.'05'>(2'1.3'305''1J
I513.'.;'6(19'.;'3056#P!

7.6'305'6(1157''1'>0'<0''3''2'5GE752258$''6(-'15'305'30.:-03'
3.'0(I5'4551'(3'30'2'3'65''1'305';'723'23(-5'.;'8'-523'.1# :3';.,,.>J
'1-'.:3'305'0'13''1'305',(23'251351<5$'05'<(65'(;357>(782'3.'305'<.1J
<,:2'.1'30(3$,.1-'45;.75'305'8(92'.;' .657'(18' 52'.8$('-5157(3'.1'
.;'>'25'651'4(8';,.:7'2058'.1'305'5(730'>0.'3(:-03'305'692357'52'.;'
1(3:75''1'E(7(4,52'30(3'(;357'3059'(18'>0(3'3059'3(:-03'0(8'(,'?5'
E(2258'(>(9'(18'4551';.7-.3351$'305'1(652'(18'1<'85132'.;'30525'
E(7(4,52'23',,';,.(358''1'37(8'3'.1'4:3'30(3'3059'>575'3051'3(?51'
175V5,9';.7'3(,52'.;'.,8'3'652$(18';(,,'1-''13.'305'0(182'.;'E.532'(18'
6'12375,2'>575'(,35758$(8.7158$(18'(8858'3.'(3'E,5(2:75$'>'30.:3'
75-(78'3.'305'.7'-'1(,'65(1'1-$3',,'3059'2533,58'13.'305'20(E5''1'
>,''!0'>5';'18'3056# 05'E7.4,56$30575;.75$'>'32'3.'-53'7'8'.;'305'
.I57-7.>302$'(18'3.'75<.I57'(18''1357E753'305'.7'-'1(,'E(7(4,51'(18'
(<.1$0(I'1-'(,75(89'6(85'305'37'(,':E.1'30755'.7';.:7$!';.,,.>58''3'
:E'1'.30572$\<.,,5<3'1-'305''1<'85132';7.6'('<.6E('2.1'.;'(,,'5GJ
3(13'37(8'3'.12$'(18'(88'1-'>0(3'05'2:EE.258'3.'45'305''1357E753(J
3'.12$\:13',';'05'0(8'51.:-0'3.'6(?5'('',33,5'I.,:65# 0'2'05'1.>'
E:4,'2058# '2'6.3'I5';.7'8.'1-'2.'(3'30'2'3'65\'3'<(65'.:3'
X(4.:3'305'518'.;'/B L\>(2'1.3$''30'1?$'6575,9'30(3''3'>(2'('I579'
E75339'4..?$205>'1-'75(8'1-'(18'2<0.,(720'E$'2533'1-';.730'<573('1
= 8I#.;'5(71#$.,# #'E# HH# ^ 55'0',#.7?2$.,# #'E# #

;(I . : 7'35' 2E5< : , (3' . 12' . ;' 0'2' . >1' '1' (' 237'?'1-' (18' (3'7(<3'I5' 20(E5$ (18' ,'?5,9' 3.' 7('25' 0'2' 75E : 3(3' . 1' (6 . 1-' 2<0 . , (72' 30 . : -0' 30 (3' 6 (9' [2556' 6 . 3'I5' 2 : ; ;'<'5131' ; . 7' '3' 0(8' 15I57' 4551' 0'2' E7(<3'<5' 3.' E : 4, '20' 2 6 (,,' E'5<52# ,8' (2' 05' >(2' (18' 6 : <0' (2' 05' 0(8' >7'3351$' 05' 0(8' (EE5(758' (2' (1' (: 30 . 7' '1' E7'13' . 1,9' 3>'<5' 45; . 75$' (18' . 1,9' . 1<5' >',J ,'1-,9' 1' 305' + ' 0(I'1-' 4551' 2513' 3.' '8'5' E7522' (2' 3059' >575$' . 1,9' 3.' 752<: 5' 3056' ;7. 6' E'7(352# : 3' 05' >(2' 1. >' 4 : 2',9' <. 12'857'1-' 0. >' 305' 15>' '85(2' . ;' 305' 123(: 7(3' . ' 6 '-03' 45' '137. 8 : <58' '13. ' 305' >. 7,8' >'30' 305' 4523' <0(1<5' . ;' ;(I . : 7(4,5' 513573('1 6 513' (18' '3' . <J <: 7758' 3.' 0' 6' 30(3' ';' E75251358' (2' 375(2 : 752' 75<. I5758' ;7. 1D' (13'@ : '39' 3059' > . : ,8' 45' 6 . 75' 752E5<3; : ,,9' 75 - (7858' 30(1' ';' KE7. E. : 1858' (2' 0'2' . >1# 051' (6 . 1-' . 3057' 65(2 : 752' ;. 7' E75E(7'1-' 651=2' 6'182' 3.' 75<5'I5' 3056$' 05' 2 : - -52358' 3.' 0' 625,;' 305' N' 8'2<. : 72'1-' 2<. 71; : ,,9' . ;' 305' E0', . 2. E09' . ;' 305' 75<'(12$' >'30' 2. 65' 453357' 752E5<3' 3.' 305' K8 -9E3'(12$ 572'(12$ (,852$' (18' ' ' 0 -,' : ' - j' ' ' ' $ 4 5 ' >(2' E7. 4(4,9' 30'1?'1-' . ;' 30525' ;(4,52W' (18' ;7. 6' (' E(22(-5' '1' 305' " - ' ' $,' >0575' 05' . 4257I52' 0. >' 5(29' '3' >. : ,8' 45' 3.' 6(?5' . : 3' 30(3' 305' 2(-52' >0.' ;,. : 7'2058' 45; . 75' 305' 755?2' 0(8' (' 855E57' ?1. >,58-5' . ;' 1(3 : 75' 30(1' 3059$' (18 \ (2' 15>K7'251' 651' 255?' 3.' 511 . 4,5' 3056 25,I52' 49' (8 . E3'1-' (1<'513' E58'-7552^ \ 3.' ; (3057' 30525' '85(2' : E . 1' 3056$^' >5' ?1. >' 30(3' 05' 0(8' '1' ; (<3' <. 12'85758' 305' E . '13' >'30' 305' 30 . : -03' . ;' 6(?'1-' 30'2' : 25' . ;' '3# 5' <. 1<, : 858$' '1J 8558$' 30(3' 305' (7- : 6 513' >(2' 3. ' 8. : 43; : ' 3. ' 45' ;('7,9' 56E, . 958' '1' 30(3' >(91' 953' 05' 0(8' 23',,' 3. . ' 237. 1-' (' ; (1<9' ; . 7' '3' 0' 6 25,;' 3.' 45' <. 1351' 30(3' '3' 20. : ,8' 45' 307. >1' (2'85' (2' > . 730,522' (18' (2' 305' 51J @ : '79' 2 : EE,'58' 0' 6' (3' (19' 7(35' >'30' (' 0(182. 65' . <<(2' . 1' ; . 7' (1J 1. : 1<'1-' '85(2' . ;' 0'2' . >1' ; . 7' >0'<0' 05' >'2058' 3.' 452E5(?' (' 05(7'1-$ 05' 752. , I58' 3.' <(23' 0'2' 475(8' : E . 1' 305' >(3572$' 37 : 23'1-' 30(3' 305' >. 7,8' >. : ,8' ;'18' '3' '1' 8 : 5' 3' 65# ?

05' I(, : 5' . ;' 305' 4. . ?' 3.' : 2' 8. 52' 1. 3' 85E518' : E . 1' . : 7' (<<5E3(1<5' . ;' 305' 305. 79' . 1' >0'<0' '3' '2' <. 1237 : <358# ;' '3' 8'8' '3' >. : ,8' 0(78,9' 7'25' (4. I5' 305' E7'<5' . ;' (' <: 7'. 2'39# 0(3' (' 23(35' . ;' 0'-0' '135,,5<3 : (,' <: ,3'I(3'. 1' 6(9' 0(I5' 5G'2358' . 1' 305' 5(730$' (18' 8'2(EE5(758' >'30' (,,' '32' ;7 : '32' (18' (,,' '32' 37(8'3'. 12$,5(I'1-' 1.' 75<. 78' . ;' '325,,' 450'18$WT \ '2' 1. 3' (,3. -53057' '1<. 1<5'I(4,5$' ';' >5' 2 : EE. 25' 30(3' 305' (73' . ;' >7'3'1-$

± 55' (4. I5$' E# BH#
J N' 3@ : <]'E. 23' 0((' E0', . 2. E0'(7 : 6' . 7(2' E57(-7(3(2$' 2.' : 18'@ : . ' <0=: 62E'. '5135 6' <3'(' : ' (8' (13'@ : '3(3'2' E5153?(,'(' . <'', . 2' 5. 10. '225$' I5, . : 3" I5'-2 : 2' 37(<3 : 6' @ : 518(6' 6'4', . 2 : 6' 53' . 42<: 7: ' : # ,@ : . ' 2<'75' 2. $ 2" 6'1 : 2' 2'1<57n' ; ,85' (- . 75' I5,,53$' 1. 1' 8',,'<',5' 5225' 0. 1''1'4 : 2' E572 : (8575$' (E : 8' (13'@ : 52' 2(E'51352$' 8' : ' (135' 735<. 7 : 1" 356E. 7($' <'513'16' 85' (3 : 7n' 6(0. 75' I'7,, : 35$' 258' 6(0. 75' <3'(6' ; ,. 73(225' 2',5''3' . ' ; ,. 7 : ''225'W 0 ' ' % ' . ' ' : 3'1. I" 0. 6'152' 2. '513$' @ : " 1. 4','3(3<6' (13'@ : . . ' (,'<: 0 : 2' E7. 2(E'(D' E57' 51. (,. -'(7 : 6' 7' : ''. 752' 53' <. 105<3 : 7(2' 2'4" (;,'1-: 13' 258' 25$' 757 : 6' <I'851,'k' ;753 : 6$' . 6156' '6J E. 23 : 7(D' <. 18'3'. 156' 7h<: 2(225$P' . 3<# 0',# . 7?2$' . ,# # E# B H#

: - : 23 ;7. 6 (,(6 (1<(T (18 '1 75<. 6E51<5 30575 . ;$ 2518 9. : ,'33,5 > . 7?#. ; 6 '15 30 (3 0 (30 45 - : 1 3. E(22 305 > . 7,8# 059 35,, 6 5 6 9 ,(3'1 '2 3 : 7158 '13. 2', I57$ (18 45<. 6 5 < : 77513# (8 9. : =4551 0575$ 9. : 20. : ,8 0(I5 4551 6 9 '1@ : '2'3. 7 45; . 75 '3 ;<(7(5 ; . 730 W 4 : 3 30'1?#305 - 75(3523 '1@ : '2'3. 7 '1 E('1 > ',, ##(,,. > '3# ', : 3 . 15 30'1 - 9. '" 6 : 23 E(78 . 1 6 5 '; 6 (?5 1. 4(235 3. 45,'5I5$ 30(3 305 > . 7,8 20. : ,8 45 -7. > 1 3. 2 : <0 (1 X%5<23(29 (2 3.$ 75Q5<3 37 : 30 '1 E0', . 2. E09$ 45<(: 25 305 (: 30. 7 8'2K [513530 '1 75,'-'. 1T 1. 6 . 75 30(1 3059 8. 49 7'23. 3,5 . 7 I57K R . 52# 9 -75(3 > . 7?#-. 530 ; . 7 > (78T (18 (;357 6 9 6 (1157$ (,357 5I57 > 051 (88# . 30(3 1. 30'1 - '2 ;'1'2058 3',, (,, 45 ;'1'2058# 0'2 0(I5 > 7'3351 '1 305 6 '823 . ;' (' 3577 (' (18 E(7,'(J 6 513T 30'1,<'1 - 1. 3'6 5 2. E75<'. : 2$*' 4 : 3 30(3 20. : ,8 3(,?. ; 30525 6 (33572 > '30 2. - . 8 (18 85(7 (' ;7'518# 18 2. > '30 6 9 K> . 1358 > '2052 ,5(I5 9. : 3. . 8=2 - . . 81522# 7. 6 7(9=2K 11$ 305 /C3?^ . ; 547#$ /B, #

6 . 1 - (<. 1=2 656 . 7(18(' . ; 305 ;'30 . ; : ,9 /B $. 15 7 : 12 30 : 2 %# . ;',5(7158 651 459 . 18 305 25(2 3. 45 6(85$ (18 05(7?51K '1 - R>0. 3059 4E 30(3 6(9 45 2. '1<,'158#P N . 45 P 65(12 . ; <. : 725 3. 45 E572 : (858 3. 3(?5 (1 '1357523 '1 305 75(3 123(: 7(3'. 1# 1 305 <. : 725 . ;'305 15G3 95(7 (' <0(1<5 E75251358 '325,;$ >0'<0 05 8'8 1. 3 15 - ,5<3$ 30. : - 0 ' (6 1. 3 (>(75 30(3 (1x!0'1 - ' <(65 . ;' '3# 2((< (2(: 4. 1$ 305 ;(6 . : 2 2<0. ,': $ >(2 3051 (3 (7'2$ '1 I '358 49 (' E51J 2'. 1 ;7. 6 5179 # (18 0. E52 . ;' (' E7. ;522. 720'E# 5 (8 30575 45<. 65 (3;@ : ('1358 > '30 2. 65 . ; (<. 1=2 >7'3'1 - 2$ E7. 4(4,9 307. : - 0 '7 5. 7 - 5 (79$ (18 E570(E2 (3 305 '123(1<5 . ; (<. 1 0'6 25,;T (18 0(8 >7'3351 3. ' '7 5. 7 - 5 3. ' 5GE7522 0'2 (86'7(3'. 1 . ;' 3056# (<. 1 3. . ? 0. ,8 . ;' 305 . <<(2'. 1 3. ' '1 I '35 (' <. 7752E. 1851<5$ (2 >5 ,5(71 ;7. 6 305 ; . ,,. > '1 - ,53357T >0'<0 <. 652 ;7. 6 305 <. ,,5<3'. 1 (3 (64530# 3 '2 . 1,9 (' 87(: - 03$ (18 6(9 E7. 4(4,9 30575; . 75 45 305 75<. 78 . ;' (1 '13513'. 1 . 1,9$ >0'<0 >(2 1. 3 ; : .; ',,58# : 3 ; . 7 . : 7 E: 7E. 252 305 '13513'. 1 '2 51. : - 0# 05 8(35 '2 1. 3 '1 30'2 <(25 . ; 6 : <0 <. 125@ : 51<5T 5G<5E3 30(3 ';' 305 ,53357 >(2 2513 3. (2(: 4. 1 '1 /B L$ >5 6 '- 03 0(I5 5GE5<358 3. 05(7 . ;' 2. 65 ; : 73057 <. 6 6 : 1'J <(3'. 1 453>551 3056 (;357 05 (77'158 '1 1 - ,(18T >0'<0 05 8'8 305 15G3 95(7# '7<0$ 49 >0. 6 30'2 ,53357 >(2 ;'723 E: 4,'2058$. 4257I'1 - 30(3 (2(: 4. 1 0(8 9 3. ' '7 5. 7 - 5 (79$ (EE5(72 3. 0(I5 '1K

/HB ' D' ' ' ' # R + $',9#

;577.8' 30(3' 3059' <.:,8' 1.3' 0(15' 4551' 4.30' '1' 7(1<5' .7' 4.30' '1' 1-,(18'† (18' (2' '7' 5.7-5' 753:7158';7.6' 0'2' 564(229' '1' 7(1<5' '1' <3.45';' /B L' (18' (2(:4.1' (77'158' '1' 1-,(18' '1' <3.457' /B/ $' <.1<,:858' 30(3' 305' ,53357' 6:23' 0(15' 4551' >7'3351' 453>551' 3,'.25' 8(352## :3' (2' '3' '2' .41'.:2' 30(3' (2(:4.1' 6'-03' 0(15' 2513' (' ,53357' 3.' '7' 5.7-5'>051'3059'>575'4.30' '1' (7'2'.7'4.30' '1' .18.1$'30575' '2' 1.3'75(,,9' (19'-7.:18';.7'30(3'<.1<,:2'.1# ,,' 30(3'<(1'45'2('8''2' 30(3'30'2''2'(2','?5,9'('8(35'(2'(19'.3057$'(18'30(3'305',53357'<.652'1' 0575'6.75'<.1151'513,9'30(1''3'>.:,8'(19>0575'5,25# 1,9''3'6:23' 45':185723..8'30(3'(19'2E5<:,(3'.1'>0'<0'85E5182':E.1'305'(22:6EJ 3'.1'.;'30'2'8(35'(2'(';(<3$'.:-03'3.'45'75Q5<358'(2'>(13'1-'51'851<5# (2(:4.1'<(65'3.' 1-,(18'(;357'305'85(30'.;' 5179' #$'(18'>(2' >5,,'513573('158'49' (652'4.30'>'30'(33513'.12'(18'E75;5765132'3',,' /B/H$'>051'05'8'58'† 4:3' ';'18'1.'37(<52'.;'(19';:73057'<.7752E.1J 851<5' 453>551' 0'6' (18' (<.1'† >0'<0$';'3059'0(8'<.65'13.' E572.1(,'<.66:1'<(3'.1$'<.:,8'0(78,9'0(15';(',58'3.'45';.:18''1'305' Ù E0566 57'852#P

.' /) K

:6' 5G' 357'2$'@:(2' (8' 8.31'1:6' (759' 6'2'23'$'<.-1.2256' 2<7'E3('65('I'35'E7.4(7'$'53'6'0'' 'E25'85'Q:8'<,.'3:.-7(3:,(3:2'2:6$' 53'3'4'' @:(6'5(' 752' 6'0'';:57'3'I.,:E3(3'$'2<7'4518:6'5G'23'6(I'# 3@:5''',,:8'53'(6'85'65'75<35'(:-:7(7'2$'65'2<'513'(2'5G',(3547'2' '1',:<56'5G37(0575'I5056 51357'<:E575# <@:5'51'6'6:,3:6' '1357523'5(' E57'.3':7(' 2<7'4'' @:25'E57'.3':6',5-(13:7$'258'E'(15' I'3(6'53'752'0:6(1(2'53'658'(2'5(7:6'R3:74(2'E57'<.1356E,(K' 3'.152'2(1(2'53'I57(2''1231'<3'.752'5225'I.,.# %:(13('(:356'1' 0.<'-51575'(--758'(7'53'@:(6'E(7I'2'E7252'8''2$E.236.8:6';.7K' 3(225'752<'2<52# 3'(6'3:'E(7''357'-7(3'22'6:6'6'0'K';(<'52$'2'' @''25''1'(1'6.'0(452'(3@:5'6.,'7'2'53'(-'3(2'6'0''1.3('5225'I5,'2# (7('<.1Q:1<3'.156'(1'6.7:6'53'23:8'.7:6'E,:2';(<575'(8' (6'<'3'(2'Q:8'<.$'@:(6'<'I',52'15<522'3(352'53'.<<(2'.1:6'.;;'<'(# @:'856'5G'23'6.'156'156':1@:(6'6(-'2'I575'E.3:'225'8'<575^' 85'2525$'@:(6'65'E2:6$',,:8'@:.8'0(45 E2(,6:2$ ' / % ' ' ' ' 3(@:5'6(-'2'I'85.7'<:6'(13'@:'2'I572(7'$' @:(6'<:7(' 0'2$'@:'4:2<:6'I'I.# %:'81'' 53'(6'E.22'6'<:6' (42513'4:2'E.3':2'I572(7''@:(6'<:6''2'@:'' E7Q523.'2:13$'53'6(-'2' 5,5<3'.15''1'(6'<'3''2':3'$'@:(6'85'6.75'.<<(2'.1'4:2'2:46'33'' j

* 16453O' # '42.1'E(E572'I'''# C # 7(;3'>7'3351'(EE(7513,9'3.'8'<3(3'.1' 49'(1'(6(1:512'2†5.775<3.8''1' (<.1=2'.>1'0(18# .'2'-1(3:75$'8(35$'8.<?53$ .7'(887522# ,9,5(;'-.15# 18.7258'N' .' (2(:4.1'P'1'305'0(18'.;'305'E572.1' ' ,'.'E:3'305'E(E572':E'1'305'I.,:65# ' ! && % '1' #

57:6' (8' '123'3:3:6' 75I573(7# -.$' 2" @:8''1' 75' (6'<'3'(' 65(' 3'4" (:3'3:'2' :2:" (:3' .71(6513.' 5225' E.22'3$' 3'4" .E57(6' 65(6' 4.:(6' (3@:5' 1(I(6'E. '<5.7# 3(@:5' 2(,:356'3'4" 8'<'3

6'<:2'3::2$' <#R

R' 185723(18'1-';7.6' 9.:7',53357'3.'305' .78' (79'30(3'9.:'(EE7.I5'69'K>7'3J '1-2$' '1.3'.1,9'3..?'3'(2'('6(3357';.7'<.1-7(3:.,(3'.1'>'30' 6925,;$'4:3'30.:-03' ' [.:-,'3'3.'>7'35'(18'35,,'9.:' 0.>'6:<0'E,5(2:75''3'0(8'-'I51'65# .:'(75'7'-03' '1'2:EE.2'1-'30(3'69'-75(3'852'75''2'3.'87(>'305'2<'51<52'.:'3'.;'305'7'0'8'1-KE,(<52' '13.'305',-03# .7''18558'3.'>7'35'(3',5'2:75'30(3'>0'<0''2'3.'45'75(8'(3',5'2:75' 6(33572',,'33,5'Q 4:3'3.'47'1-'(4.:3'305'45335 7'.7857'1-' .;' 6(1=2' 0;5'(18'4:2'1522$ >'30'(,,''32'37.:4,52'(18'8';:'<:,3'52$'49'305'05,E'.:'2.:18'(18'37:5'<.1356E,(3'.12$' \30'2''2'305'30'1-' '(6'(3# .>'-75(3'(1'51357E7'25''1'30'2'?'18' '(6'(335 6E3J '1-$'(18'>'30'>0(3'26(,,'05,E2$'9.:'>',,',5(71'E570(E2'0575(;357# 1'305'65(1J 3'65'9.:'>.:,8'8.'65'('I579'-75(3'E,5(2:75''.';'9.:'>.:,8'1',?5'6(1157'6(?5' ?1.>1'3.'65'>0(3'9.:'(75'9.:725,,'751.,I'1-'(18'5185(I.:7'1-'(18'>.7?'1-'(3# .7' '0.,8'30(3'<.1Q:1<3'.1'.;'6'182'(18'23:8'52'0(2'(' -75(357'E(73''1';7'51820'E2' 30(1'<'I','3'52'(18'.;;'<52'.;' .<<(2'.1# :75,9' '30'1?'1.'6(1'<.388'5157'6.75' 37:,9'2(9'.;'0'625,;'>'30'305' 2(,6'30(1' '<(1$'N' 9'2.:',(30'4551'('237(1-57''1' 057'E',-7'6(-5#P' .' ' 2556'3.'0(15'69'<.1I572(3'.1'(6.1-'305'(1<'5132'6.75' 30(1'(6.1-'30525'>'30'>0.6' ','15# 18'>09'20.:,8' '1.3',?5>'25'<.1I5725' 7(3057'>'30'305'(42513'30(1'305'E752513$'(18'6(?5'69';7'51820'E2'49'<0.'<5'(18' 5,5<3'.1$'7(3057'30(1'2:';57'3056$'(2'305'6(1157'2$3.K45'2533,58'49'(<<'8513'E :3' 3.'753:71'3.'69'E:7E.25# :''1'(19'30'1-'69';7'51820'E'<(1'4.'..':25'.7'-7(<5'3.' 9.:'.7'9.:72$'(22:75'9.:725,,'..';69'-..8'(18'8','-513'257I'<5'W'(18'2.'4'88:30'9.:' ;(75>5,,

.:7';7'518'53<#

' #

/B/ # ! #

+ ,' -75(3 E . ,'3'<(,' E7 . 4,5 6 ' >0'<0 305 3' 6 52 . ;' (6 52 305 '723 4(8 3 . ' 2 . ,I5 0(8 4551 ?5E3 > ('3'1 -' 0'30573 . ' 49 . 3057 4 : 2'1522$ 4 : 3 < . : ,8 1 . 3 45 ?5E3 > ('3'1 -' 6 : <0 , . 1 - 57# : 7'1 -' 305 ,(23 3> . ' 2522' . 12 3,'5 1' . 1 ' (18 305 : 1E . > 857 , . 3 0(8 E75 I 51358 305 @ : 523' . 1 ' 0 . > ' 305 7 . >1 ' 20 . : ,8 45 2 : EE,'58 > '30 (' 75 I 51 : 5 (85@ : (35 3 . ' '32 > (132 ;7 . 6 45'1 -' E : 2058 3 . ' (' <7'2'2 ' 305 8'2<: 22' . 1 ' . ;' 305 1' . 1 ' 0(I '1 -' . << : E'58 305 3' 6 5 . ;' 305 . >57 . : 25$ (18 305 0 . 77 . 7 . ;' 305 <. 12E'7(<9 0(I '1 -' 8'2E . 258 3056 ' 3 . ' 45 ,'457(,# : 3 5I51 ' 1 ' /B B$ >051 ' 305 '7 5G<'358 , . QR(,39 20 . >58 '325,;' '1 ' 2 . ' ,(7 -5 (' -7(13 \ (' -7(13 > '30 . : 3 (19 E75<5851 3 '1 ' (' 3'6 5 . ;' E5(<5 \ 305 E573'1(<'39 > '30 >0'<0 3059 '12'2358 30(3 305 E53'3 . 1 ' . ;' -7'5I(1<52 20 . : ,8 45 E75251358 3 . ' 305 '1 -' 45;. 75 305 4',, . ;' 305 30755 2 : 42'8'52 >513 : E 3 . ' 305 .782$* -(I5 2 : 75 2'-1 ' . ;' (' 237 : - -,5 3 . ' <. 65# 05 37 : 30 > (2 30(3 305 4 : 2'J 1522 . ;' - . I571 6 513 0(8 . : 3 - 7 . >1 ' 305 E7 . I '2 ' . 1 ' ; . 7 <(779'1 -' ' 3 . 1# 05 . 78'1(79 '1<. 6 5 . ;' 305 7 . >1 ' >(2 1 . ' , . 1 - 57 5@ : (, ' 3 . ' 305 . 78'J 1(79 856(182 : E . 1 ' '3# I51 ' ,'M(4530$ >'30 (,, ' 057 E . >57 . ;' . 4J 3('1'1 -' M5(, . : 2 257I'<5 > '30 . : 3 E(9'1 -' ; . 7 '3 ' '1 ' 6 . 159$ (18 >'30 (' E7(<3'<5 . ;' 5<. 1 . 6 9 '1 ' (,, ' 85E(736 5132 >0'<0 5I579 6 . 8571 0'23 . 7'(1 <. 1856 12 A'1 ' 752E5<3 3 . ' 305 E(73'<: ,(7 85E(736 513 >0'<0 05 0(EE512 0'6 25,;' 3 . ' ;(I . : 7 (2 E(72'6 . 19$ \ E(72'6 . 19 '1 ' 305 75>(78 . ;' 257J I(132$ '1 ' 305#E7 . I '2 ' . 1'1 -' . ;' (76'52$ '1 ' 305#$!55E'1 -' : E . ;' 1(3' . 1(, 85;51<52$ '1 ' 305 2 : 42'8'2'1 -' . ;' (,,'52$ \ 5I51 ' ,'M(4530 <. : ,8 1 . 3 <(779 . 1 ' 305 - . I571 6 513 '1 ' 057 ,(357 95(72 >'30 . : 3 <(,,'1 -' : E . 1 ' (7,'(6 513 ;. 7 (11 : (,' <. 137'4 : 3' . 12 ;(7 459 . 18 (,, ' ;. 7 657 E75<5851 3$ 1 . 7 5I51 ' 3051 ' >'30 . : 3 4 . 77 . >'1 -' 6 . 159 3 . ' 305 ' (6 . : 13 . ;' (' >0 . ,5 95(7=2 '1<. 65 (18 25,,'1 -' ,(18 3 . ' 305 ' I (, : 5 . ;' (2 6 : <0 6 . 75# 05 <(: 25 >(2 2'6E,5 51 . : -0# (7 -5 523(352 (75 <. 23,9 3 . ' 6 (1(-5# 05 1(3' . 1 ' 0(8 '1<75(258 -75(3,9 '1 ' >5(,30 (18 E . E : ,(3' . 1 305 4 : 2'1522 (18 <. 23 . ;' - . I571 6 513 0(8 '1<75(258 (, . 1 -' >'30 ' 3 4 : 3 305 ' ; : 18

Ċ 55 . ,# # E# C #

. : 3' . ;' >0'<0' 305' <. 23' >(2' 3 . ' 45' 85;7(958' >(2' <. 6E(7(3' I5,9' 23(3' . 1(79#' 2' 305' '1-2' . ;' 1-,(18' >575' 15I57' 657<0(132$ 305' E(37' 6 . 19' . ;' 305' 7. >1' <. :,8' 1 . 3' 45' 5GE5<358' 3 . ' -7. >' >'30' 305' -7. >30' . ;' ('1(3' . 1' >0. 25' <. 6 657<'(,' (<3'I'39' >(2' 47'1-'1-' 0. 159' 3 . ' 305' 0'I5' ;7. 6' 5I579' $,(18' . I57' 5I579' 25(' >0',5' E7'<52' >575' 7'2'1-' ;7. 6' #305' '1;,:G' . ;' -.,8' '13. ' :7. E5' (18' 305' I(,:5' . ;' 305' (7,'(6513(79' 2:42'89$' '1' >0'<0' A(2' 45'1-' ('8'75<3' 3(G' :E. 1' 75(,' (18' E572. 1(,' E7. E5739D' ('E7. E. 7J 3'. 1(35' '1<75(25' 6'-03' 0(I5' 4551' ,. . ?58' ;. 7$' >(2$;. 7' 2. 65' 75(2. 1' >0'<0' ' 8. ' 1. 3' <,5(7,9' : 185723(18$' -7(8:(,,9' ' 0(35I57' 6(9' 0(I5' 4551' 305' <(:25$'30575' '2' 1. ' 8. :43' (4. :3' 30'2' ;(<3\' (18' '3' '2' '6E. 73(13' 51. :-0' 3. ' 45' >. 730' 5G0'4'3'1-' '1' 853(',# 05' ;. ,,. >'1-' 23(356513$' (:30513'<(358' 49' (' 1. 35' '1' 305' 0(18>7'3'1-' . ;' 305' (7,' . ;' (,'24:79$' '2' E75257I58' (6 . 1-' 305' 3(35' (E572#

' 2(48%/+,(1' ()' . -,+3+$,' %13' +)&$$1&' ,' 3/%C1' 3(C1')/(4' &'$')+/,& 0$%/' ()' \ ' *+` ' &(' &'$' 8/$,$1&' H' $-' <

		85<75(25' 51579' 2:42'89#	85<75(25 ;7. 6' 305 ;'723#
I'M#' '1'				
' L' ' . -,+30' %13' ' HL'	<"> '	AAAAAA'	AAAAAA
' f	' < ' ' '	9 ' ' '	9
' f	OH' 9<'" ' ;'	99 ' ' '	99
9 ' > f	PL' 9 < ' ' '	< ' ' '	>
9 ' f	' < < ' ' '	"<'" ' '	>"
/ ' FV##########	/BC CB' # #	/F/B' # #	BH
/ H' CV##########	/BF HB' # #	HFF ' # #	F C
/ C' LV##########	/BF/F ' # #	H/B' # #	F//LB
/ L' F/V##########	/B H ' # #	' #	FFC /
/ LF' F V##########	/ CL ' # #	CC ' # #	H/ FB
<9' > < f	' " ' ' '	9< ' ' '	>
'">f' '	' >"'9 ' ' '	> ' ' '	<
>f' %(	' " ' ' '	"9 ' ' '	9 >

(&$'&'%&'%*' &'$,$' 3$2/$%,$' /+,$')/(4' &'$' 3+4+1. &+(1' ()' &'$' . -,+3+$,' ()' &'$' %+&0,' -$2%. ,$' &'$' 2*$/60' , . -,+30' %13' &'$')+)&$$1&' ,' ()' &'$' %+&0' %/$' 2$/&%+1 H

0:2' >5' 255' 30(3' 30755' 2:42'8'52' '1' 305' 45-'11'1-' . ;' (652=2' 75'-1' 8'8' 1. 3' #47'1-' 2. ' 6(19' E. :182' '13. ' 305' G<05@:57' (2' 3> . ' 8'8' '1' 305' 45-'11'1-' . ;' ,'M(4530=2$' (18' 953' 30755' 2:42'8'52' 23',,' E(2258' ;. 7' 6:<0' 305' 6. 75' ,'457(,' -7(13#

0'2' 23(35' . ;' 30'1-2' (652' '1057'358#' (18' 30. :-0' 05' '1057'358' (,. 1-' >'30' '3' (' E. 73'. 1' . ;' ,'M(4530=2' ,(23' 2:42'8'52$' 3059' >575' 1. 3' 6. 75' 30(1' 51. :-0' 3. ' 75E(9' 305' 6. 159' >0'<0' 205' 0(8' 4551' ;. 7<58' 3. ' 4. 77. >#' ;' ' :185723(18' <. 775<3,9' 305' ;'1(1<'(,' 3(4,52' >0'<0' 7#

* # # .71# (652' #$I. ,# '# .# # 0'2' 1. 35' '2' '1' (424:79=2' 0(18#

05' 2<0565' >0'<0' 05' 851'258' >'30' 30'2' I'5>' >(2' (' ,(7-5' (18' '6J E.2'1-$ (18' A0(8' '3' 4551' >'25,9' 8'-52358' (18' E7:8513,9' <(77'580' 6'-03' 0(I5' E7.I58' (' I579' 0(EE9' .15# 05' 75151:5' .;' 305' 7.>1' >(2' '1' 30.25' 8(92' 87(>1' ;7.6' 6(19' 2.:7<52' 52'852' '32' E(37'6.1'(,' E7.E5739' I' <0'5;,9' ;7.6' <573('1' 351:752' (18' E7'I',5-52$ \ 2:<0' (2' (7820'E2$ 1'-03=2' 257I'<5# :7I59(1<5$ (18' .30572' T \ 7561(132' .;' 305' ;5:8(,' 2923566$ >0'<0' 305' 3'652' >575' ;(23' .:3-7.>'1-' W \ E7'I',5-52' >0'<0' 0(8'<.65' 3.' 45' 4:78512.65' 3.' 305' E5.E,5' '1' (' 85-755' 6:<0' -75(357$' ' ;(1<9$ 30(1' 3059' >575' I(,:(4,5' 3.' 305' 7.>1' I' (18' >0(3' >(2' >.725$ A305' 292356' (18' .<<(2'.12' .:3' .;' >0'<0' 3059' .7'-'1(,,9' -75>' 45'1-' ;.7-.3351D' 0(8'<.65' 3.' 45' ,..?58' .1' (18' ;5,3' (2' -7'5I(1<52# 53' 30(3' 30525' 7'-032' 8'8' 45,.1-' 3.' 305' 7.>1$ (18' ;.7658' (' 75-:,(7' (18' ,5-'3'6(35'2.:7<5' .;'75151:5$ >(2'1.3' 8'2E:358# 575' 30575;.75' >575' (,,' 305' 522513'(,' 5,565132' .;' (' Q:23' (18' (8I(13(J -5.:2' (77(1-5651 3' ;.7' 4.30' E(73'52# ' ;'G58' 75151:5' .;' 5@:(,' (6.:13' 857'I58' ;7.6' 3(G(3'.1' >.:,8' 0(I5'4551' 453357' ;.7' 305' '1-' I' (18' 5151' (' <.12'857(4,9',(7-57' 75151:5' 2.' 2:EE,'58' >.:,8' 0(I5'4551# 6:<0'453357' ;.7' 305' E5.E,5# 0575'756('158' .1,9' 305' .,8' 8';;'<:,39' '1<'8513' 3.' (,,' 305' 4(7-('12' 30(3' (75' 6(85' :1857' 305' 2:1$ \ 305' 8';;'J <:,39' .;' '18:<'1-' 305' <.137(<3'1-' E(73'52' 3.' 85(,';7(1?,9' (18' .E51,9$ >'30' Q:23' (18' 75(2.1(4,5' 852'752' .1' 4.30' 2'852' I' '1235(8' .;' 0'--,'1-' (18' 379'1-' (4.I5' (,,' 30'1-2' 3.' .I5775(<0' .15' (1.3057$ .7' A>0'<0' '2' X (,6.23' (2' 4(8D' 3(?'1-' <(75' (4.I5' (,,' 30'1-2' 1.3' 3.' 45' .I5775(<058# 3' 6:23' 4.' (86'3358' 0.>5I57' 30(3' 30'2' 8';;'<:,39' >(2' '1' 30'2' E(73'J <:,(7' <(25' :1:2:(,,9' -75(3# 0h' .66.12$ \ Q5(,.:2$ (64'3'.:2$ <.12<'.:2' .;'305'7' (8I(13(-5$ 6(19$ (18' ;:,' .;',(>9572' T \ 05' '1-$ \ '77'3(4,5$ '6E(3'513$,..25K3.1-:58$ <.12<'.:2' .;' 0'2' 8'2(8I(13(-5' (18' 237:--,'1-' 3.' ;(<5' '3' .:3$ 0'2' 05(73' ;:,' .;' (1G'539' (4.:3' 0'2' 523(35$ 0'2' 6.:34' ;:,' .;' E757.-(3'I5' (18' 8'I'15' 7'-03' T \ 0.>' >575' 3>.' 2:<0' E(73'52' 3.' <.65' 3.' (1' :''85723118'1-' .1' 2:<0' (' 2:4Q5<3' j' I57930'1-' >.:,8' .;' <.:725' 85E518' :E.1' 305' 8'2<7553' .E51'1-' (18' <.18:<3'1-' .;' '3' 49' 30.25' 6'1'23572' >0.' 23..8' 453>551' 305' 3>.' (18' 0(8' '1;,:51<5' >'30' 4.30# 05' 0'23.79' .;' 305' 15-.3'(3'.1' '2' 305' 0'2J 3.79' .;' 305' 15G3' 2522'.1' .;' (7,'(6513#

F#

1' 6(?'1-' (' 4(7-('1$ 3.' 45' ?1.>1' 3.' 45' '1' 8'237522' ;.7' 6.159' '2' (' -75(3' 8'2(8I(13(-5$ (18' 30575;.75' '3' 2556 2' 237(1-5' 30(3' 2.' .,8' (' E.,'J 3'<'(1' (2' (,'24:79$ '1' 15-.3'(3'1-' (' 6.159K4(7-('1' >'30' 305' .6J 6.12' .1' 450(,;' .;' 305' '1-$ 20.:,8' 0(I5' 45-:1' >'30' (' E:4,'<' (18' .;;'<'(,' E7.<,(6(3'.1' .;' 305' '1-=2' E5<:1'(79' 564(77(226 5132$ (18' 0'2' :3357' '1(4','39' 3.' 5G37'<(35' 0'625,;' >'30.:' (' I579' ,'457(,' 2:EE,9

" ‘ ‘ ‘ ‘ ‘ ‘ ^ .+8

;7. 6‘ 305‘ 4515I .,51<5‘ .;‘ 0'2‘ E5. E,5# 0575‘ <. :,8‘ 1 .3‘ 45‘ (19‘ 15<52J 2'39‘R;.7‘ E7. <558'1-‘ 2.# 0(35I57‘ 6'-03‘ 45‘ 305‘ <(:252‘ '1!>0'<0‘ 305‘ E7. E. 2'3'. 1‘ .7'-'1(358$ 305‘ E7. E. 258‘ (77(1-56513‘ 4. 30‘ E7. ;52258‘ 3.‘ 45‘ (18‘ >(2‘ ;.7‘ 305‘ -. . 8‘ .;‘ 305‘ 23(35# 3‘ >(2‘ 3.‘ 523(4,'20‘ 305‘ 15<52J 2(79‘ E. >572‘ (18‘ 75I51:52‘ .;‘ 305‘ 7. >1‘ :E. 1‘ (‘ ;. :18(3'. 1‘ ,522‘ '1J <. 1I51'513‘ ;.7‘ 305‘ E5. E,5# 1‘ 305‘ 8(92‘ .;‘ 305‘ 237. 1-‘ 4(18‘ 305‘ 7. >1‘ 0(8‘ 4551‘ :258‘ 3.‘ 3(?5‘ 305‘ ,'. 1=2‘ 20(75‘ .;‘ 5I57930'1-# 2‘ (7J 4'37(79‘ E. >57‘ >(2‘ -7(8:(,,9‘ 47. :-03‘ :1857‘ 75-:,(3'. 1‘ (18‘ 75237'<358‘ 49‘ ,'6 '3(3'. 12‘ (18‘ 85;'1'3'. 12$$3,'5‘ <:23. 62‘ >0'<0‘ 0(8‘ 30:2‘ -7. >1‘ :E‘ >575‘ ,5;3‘ >'30'1‘ 305‘ ,'15‘ (18‘ (,,. >58‘ (2‘ ,(>;:,# 05‘ 20(75‘ >0'<0‘ 305‘ ,'. 1‘ 0(8‘ <,('658‘ >(2‘ 25<:758‘ 3.‘ 0'6$ 1. 3‘ . 1‘ 305‘ .7'-'1(,‘ -7. :18‘ 30(3‘ 05‘ >(2‘ 237. 1-‘ 51. :-0‘ 3.‘ 3(?5‘ >0(3‘ 05‘ E,5(258$ 4:3‘ (2‘ 45'1-‘ 305‘ 20(75‘ >0'<0‘ E7. E57,9‘ 45,. 1-58‘ 3.‘ 305‘ ,'. 1‘ (18‘ >(2‘ 2(1<3'. 158‘ 49‘ ,(># 51<5‘ '3‘ <(65‘ 30(3‘ '1‘ '1057'3'1-‘ 305‘ 7. >1‘ '1-‘ (652‘ 0(8‘ '105J 7'358‘ (‘ -75(3‘ 6(19‘ 7'-032$ 7. 9(,3'52$ '66:1'3'52$ (18‘ :1;('7‘ (8I(1J 3(-52$ >0'<0‘ 45,. 1-58‘ 3.‘ '3‘ (18‘ ;. 7658‘ E(73‘ .;‘ '32‘ 75-:,(7‘ '1<. 65# 0525‘ 7'-032$ 7. 9(,3'52$ 53<#$ 30. :-0‘ 3059‘ (;'5<358‘ .1,9‘ (‘ ;5>‘ E572. 12$ >575‘ 37. :4,52. 65‘ (18‘ I5G(3'. :2‘ 3.‘ 30. 25‘ .1‘ >0. 6‘ 3059‘ ;5,,$ (18‘ 305‘ 6. 159‘ >0'<0‘ 3059‘ 9'5,858‘ <. :,8‘ 0(I5‘ 4551‘ 2:EE,'58‘ 6:<0‘ 6. 75‘ <. 1!‘ I51'513,9‘ 3.‘ 305‘ E5. E,5‘ (3‘ ,(7-5‘ 49‘ (‘ -5157(,‘ 3(G$ >0'<0‘ ,9'1-‘ 5@:(,,9‘ .1‘ (‘ >. :,8‘ 1. 3‘ 0(I5‘ ,('1‘ 05(I',9‘ .1‘ (19# 0575‘ <. :,8‘ 0(I5‘ 4551‘ 1.‘ 8';;'<:,39‘ '1‘ 2:46'33'1-‘ 3.‘ 305‘ .:25‘ .;‘ .66. 12$ (2‘ (‘ 65(2:75‘ ;.7‘ 305‘ -. . 8‘ .;‘ 305‘ <. 66. 1>5(,30‘ >'30. :3‘ (19‘ 75;5751<5‘ 3.‘ 305‘ 15J <522'3'52‘ .;‘ 305‘ 7. >1$ 305‘ 5GE58'51<9‘ .;‘ 75,'51'1-‘ 305‘ E5. E,5‘ ;7. 6‘ 30525‘ ,'(4','3'52‘ .1‘ <. 18'3'. 1‘ .;‘ E7. I'8'1-‘ .3057>'25‘ ;.7‘ 305‘ 75I51:5‘ 3059‘ 47. :-03# 05‘ 3576 2‘ .;‘ 305‘ 4(7-('1‘ >. :,8‘ 23',,‘ 0(I5‘ 4551‘ .E51‘ (18‘ 305‘ ,522‘ 305‘ .66. 12‘ ?15>‘ .;‘ 305‘ 237('32‘ '1‘ >0'<0‘ 305‘ '1-‘ >(2‘ E,(<58$ 305‘ 45335‘ >. :,8‘ 0(I5‘ 4551‘ 305‘ <0(1<5‘ .;‘ 2533,'1-‘ 3056‘ ;(J I. :7(4,9#

(,'24:79‘ 0. >5I57$;.7‘ 2. 65‘ 75(2. 1‘ .7‘ .3057$ 3. .?‘ 305‘ .EE. 2'35‘ <. :725‘ 18‘ '3‘ '2‘ E,('1‘ 30(3‘ 05‘ 3. .?‘ '3‘ (8I'258,9‘ ;.7‘ 05‘ 0(8‘ 5I579J 30'1-‘ 75(89$ 05‘ 6(85‘ 305‘ ;'723‘ 6. I5$ (18‘ 05‘ 45-(1‘ (3‘ .1<5#

05‘ .:252‘ 653‘ .1‘ 305‘ L30‘ .;‘ 547:(79‘ /B LK/ ‘ (18‘ 305‘ .6J 6. 12‘ 0(8‘ 2<(7<5,9‘ ;. :18‘ 3'65‘ 3.‘ I513',(35‘ 305‘ :EE576. 23‘ -7'5I(1<52$ >051‘ 3059‘ >575‘ '1I'358‘ 49‘ 305‘ .782‘ 3.‘ (‘ <. 1;5751<5$ N‘ ;.7‘ <. 12'857(J 3'. 1‘ 3.‘ 45‘ 0(8‘ ;.7‘ 2. 65‘ 15<522(79‘ 2:EE,'52‘ 3.‘ 45‘ 9'5,858‘ :3.‘ 0'2‘ (Q5239#P

05‘ <. 1;5751<5‘ 3. .?‘ E,(<5‘ .1‘ 0:728(9‘ 305‘ / 30$ (18‘ 305‘ E7. <558J '1-2‘ >575‘ 75E. 7358‘ 3.‘ 305‘ .:25‘ .1‘ R305‘ (3:78(9‘ ;.,,. >'1-# 3‘ 2556 2‘ 3059‘ <. 12'2358‘ 513'75,9‘ .;‘ (‘ 2E55<0‘ ;7. 6‘ (,'24:79$ >0'<0‘ 8'I'858‘ '325,;‘ '13.‘ 30755‘ E(732# 05‘ ;'723$ >0'<0‘ 75,(358‘ 6575,9‘ 3.‘ 305‘ <. 6'1-‘ <75(3'. 1‘ .;‘ 305‘ 7'1<5‘ .;‘ (,52$ (18‘ 2556 2‘ 3.‘ 0(I5‘ <. 1J 3('158‘ 1. 30'1-‘ 4:3‘ 23. 7'52‘ .:3‘ .;‘ 305‘ 07. 1'<,52$ >(2‘ 75E. 7358‘ 49‘ 305

/B/ #a ' ' & :5 ' a

33.7159K 5157(,# ,'5 25<.18$ >0'<0 >(2 305 6('1 4:2'1522$ (18 (' I579 85,'<(35 .15 3.' 85(,' >'30 \ 45'1-' 1.30'1-',522 30(1 (1 5G0'4'3'.1 .;' 305 4(,(1<5K20553$;.7 305 E:7E.25 .;'20.>'1-' 30(3 305 '1-'<.:,8 1.3 2:EE.73 0'2 E.2'3'.1 >'3,'.:3 05,E \ >(2 :18573(?51 49 (<.1#* 2O5 0(I5 1.' 75E.73 .;' >0(3 05 2('8 2:;;'<'513,9 ;:,,' 3.' 20.>' 0.>' 05 37'58 3.' 6(?5 305 452 .;'3 4:3 305 2:423(1<5 .;' 305 23(35 6 513 '2 E75257I58 '1 6.75 30(1 .15 75<.781 (18 #305 (-755 6 513 .;'30525 >'30 3,'5 ;'-:752 (18 8'2<.115<358 ;7(-6 5132 253 8.>1 '1 305 .:71(,2 51J 3'3,52 :2 3.' (<<5E3 '3 (2 2:423(13'(,,9 <.775<3#

1 ,$ % ' *' $ % ' *' + ,' $, ,#+' 0 ,' ' + ,' 2 % ' * /)% ' ' + ,' *,%, #,' *' + ,' ')/, / ' ! + ; , %) % ' /B LK/ #

*' (2 '3 '2 (1 5G<558'1-' -75(3 <.6 ;.73 ;.7 :2 3.' 255 %' '1-' (18 %' 7'1<5 ,'I5 3.-53057$ 2.' '3 6 :23 15582 45 (' -75(3 E57',' (18 8(1-57 ';' 5'3057 .;' 305 6' 20.:,8 >(13 6 5(12 2:;;'<'513 ;.7 305'7 6('1351(1<5# .7 305 47(1<0 <(11.3 E7.2E57 (18 ;'.:7'20 5GJ <5E3 305'7.. 3 45 ;58#

05 45335 3.' E572:(85 :2 30575;.75 3.' 2:EE,9 30525 >(132$ 05 253 45;.75 :2 ;.:7 30'1-2$ I'M W

/# ' 75E752513(3'.1 .;' 305 8(1-572 (18 '1<.1I51'51<52 ';' 305 '1-=2 >(132 20.:,8 1.3 45 2:EE,'58#

1 5G(<3 (18 E(73'<:,(7 85<,(7(3'.1 .;'305 '1-=2 >(132#

F# ' E75.<<:E(3'.1 .;'<573('1 2',513 .4Q5<3'.12#

H# (33572 .;''1;.7<5 6 513 3.' 5G<'35 :2 3.' 9'5,8 :13.' 305 '1-=2 852'75#

1 305 1:6 457 .;' 305 ;'723 05 1(6 58 475(<0 .;'375(3'52 (18 (,,'(1<5 >'30 ;.75'-1 7'1<52$ >0'<0 '2 5GE5<358$ (18 6(9 0(EE51 >5 ?1.>' 1.3 0.>' 2..1$ 5'3057 49 6 5(12 .;' >(13 .;'Q:23'<5 3.' 45 8.15 3.' '2 (Q5239=2 2:4Q5<32$ .7 49 (6 4'3'.1 .;' ;.75'-1572#

18 30575;.75 '3 '2 15<522(79 30(3 305 '1-' 0(I5 6 5(12 ;.7 ;.:7 <(:252W \

/# .' 6('13('1 0'2 23(35#

.' 752'23 0'2 5156'52#

F# .' 05,E 0'2 ;7'5182#

H# .' 6(?5 8'1572'.12 .;' >(7$ >0'<0 '2 305 4523 E.,'<9W ;.7 ';' 305 ,(35 %:551 0(8 1.3 -'I51 ('8 3.' 305 .>' .:137'52 (18 305 751<0 '1-$ >0(3 (' 15'-04.:7 6'-03 >5 0(I5 4(8 575 30'2

* 55 .:71(,2$ E# FL $ I.,#'#

/ B ' ' ' ' ' #

#' 5<.18,9$ 305' '1-!2' >(132' (18' 523(35' 05' 852<7'458' '1' 30755' 25I57(,' 3'652'W\

/# 3R305'3'65'>051'05'<(65'3.'305' 7.>1#

7.6' 30(3' 3'65'3',,' '<0(5,6(2' >(2' 3>5,I56.130$' >051' 0'2'523(35'>(2'(3'305',.>523'544#

F# ' E7.-7522'.1';7.6'30(3'3'65'3',,'1.>#!

051'%# ,'M(4530'5''35758' '13.'305'>(7'.;' 75,(18$' 205'0(8' '1'057'<.:;;572'C $ "#

3'305' '1-=2'<.6'1-' '1$ 305'<.:;;572'>575' 56E39'(18' 305' 7.>1'855E,9'51-(-58#

7.6' 305' .I57307.>' (3' 305' ,(<?>(357$'>0575' (-1(,,' 305' (720(,,' ,.23' 0'2',';5$ 3.'305'%:551=2' 85(30$' '3'<.23' 305' 7.>1' /$B $ "#

05' '1-=2'3'65'0(30'3>.'4(,(1<52$.15'.;'(<<.:13'(11:(,'(18' .78'1(79$' (18'305'.3057'1'-7.22#

05'.78'1(79'5GE5125' 6.75'30(1'305'75<5'E3'2'95(7,9' $ "# 452'852'5G37(.78'1(79$'>0'<0'3.'0'6'30(3','I530'1.3','?5'(' >753<0' 8.30' (6.:13'3.'' .;'305'.78'1(79#

05'-7.22'4(,(1<5'<.6'1-'3.'45'I'5>58$' '3' '2'3.'45'<.12'85758' 30(3' 05'<.:,8' 1.3' 8'22.,I5'305'(769'1' 75,(18' E752513,9':E.1' 0'2'<.6'1-'3.'305' 7.>1$(2'>5,,';.7'30(3''3'0(8'4551'1.'<0(7'3(J 4,5'<.12'857(3'.1'3.'E:3'2.'6(19'651'.:3'.;'65(12'.1'(' 2:8851$' (2'(,2.';.7'30(3''3'>(2'1.3'2(;5'3.'205(305'0'2'2>.78'3..'2:8851,9' (18'<.66'3'305'E5(<5' .;'30(3'?'1-8.6'3.'2.'375(<057.:2'(' E5.E,5#

.'30(3''3''2'1.3'237(1-5'30(3'305'-7.22'4(,(1<5'.;'305'<0(7-5*' .;' 75,(18'2'1<5'305' '1-=2$3'65'8.30'(6.:13'3.'B $ "#

05' (,(1<5'.;' 5<5'E32'23(18530'30:2#

05' '1-';.:18'F $ "#.;' :42'8'52'-7(1358'3.'305'%:551'(' 0(8'H $ "#-7(1358'49' (7,'(6513#

9' '8' .159$^' $ "# 0575.;'H "#;7.6'305'1.4','39$' / "$.:3'.;' .18.1' (18'305'7523'5,25>0 5''1'305'<.:1379#

7'I9'25(,2$'45'1-'/ $ "#(75'(,,'E('8'4:3' "#

.' 305' 4(,(1<5' .;' 75<5'E3'2'1<5'4'2'<.6'1-'3.' 305' 7.>1' 7'2530'3.' $ "#

:3'30'2'6.159'>(2'75<5'I158'>'30'.15'0(18'(18'E('8'>'30'305' .3057#

R' .';(7' ';.,,.>'305' #8'2<.I5758'49' 7# (78'157'(18'58'358'49'0'6';.7'305' (6851' .<'539# 05'7523'.;'30'2'8'I'2'.1' '3(?5';7.6' .33.1' # '3# # # ;.# / 'W_>0'<0'75(82'3.'65','?5'(' 453357'75E.73$'30.:-0'7(3057'2,'.7357# ' '" % ''1' #

^ 0'2'>(2';.7'305'<75(3'.1'.;'305' 7'1<5'.;' (,52#

/B/ #a ' ' ' = ' # / C

. 7' > '30' 305' 2 : 42'8'52' ,5;3' 49' 305' % : 551' 305' '1 -' 75855 6 58' 305' 6 . 73 - (- 58' ,(182$ 3 . . ?' (>(9' 305' < . EE57' 6 . 159' . ;' 75,(18$ 8'2<0(7 - 58' 8543' '1' . ;;'<52$ (,,' >0'<0' 6 . : 1358' 3 . ' F $ "#$ 3 . ' >0'<0' 305' B $ "# . ;' 75,(18' 45'1 -' (8858$ 6 (?52' L $ "#$ >0'<0' '2' 6 . 75' 30(1' 305' 75<5'E3' 49' / $ "#

05' . >' . : 137'52' 0(I5' < . 23' 305' '1 -' $ "#

% : 551' ,'M(4530!,5;3' 1 . 3' 2 . ' 6 5(1' (1' 523(35' 4 : 3' 85257I58' (' ; : 157(,#

05' '1 -=2' < . 6 '1 -' . : 3' . ;' < . 3,(18' > (2' (12>57(4,5' 3 . ' 0 ' 6 25,;#

05' % : 551$ 30(3' 1 . 4,5' ,(89$ > '30' 057' E75<' . : 2' Q5>5,2' 057' <0',8751$ > (2' 1 . 3' 3 . ' <. 6 5','?5' (1' (7,=2' >';5# 05' 2 . ,5 6 1'39' . ;' . 7 . 1(3' . 1$ 305' 37' : 6 E02$ 305' 7 . 9(,' 51379' '13 . ' . 18 . 1$ 305' '1 -' . ;' 51 6 (7?=2' 513573('1 6 513# 6 4(22(8 . 72' 6 . 75' 30(1' 5I57' 3 . ' (19' . 3057' 7'1<5T >0'<0' <0('1' . ;' <0557; : ,' <0(7 - 52' (6 . : 1358' 3 . ' $ "#

1' 305' 30'78' 95(7' . ;' 305' '1 -' 30(3' - 7 . 22' 8543' > (2' C $ "# (18' 49' '<0(5,6 (2' /B ' '3' > (2' 7('258' 3 . ' /H $ "#

7 . 6 ' > 0'<0' 2 : 6 ' 30575' '2' 85;(,?58$ \

9' 2 : 42'89' 2'1<5' 0'2' <. 6 '1 -' 3 . ' 305' 7 . > 1' # # # H $ "

9' 2(,52' . ;' , (1 8 ### H $ "

9' <. E90 . ,82$ > . . 82$ (18' 85;5<3' I5' 3'3,52' # # # # ' / $ "'

9' 85432' <(,,58' '1' 2'1<5' 305' F 30' 95(7' . ;' % : 551

,'M (4 5 3 0 ## ' $ "

: 6 6 (' 3 . 3(,'2' # / / $ "!

. ' 30(3' F $ "#$ 45'1 -' 305' 7523' . ;' 305' 8543' . ;' /H $ "#$ '2' 305' '1 -=2' E752513' 51 - (- 5 6 513#

0'2' <. 1<, : 852' 305' N' 5G(<3' (18' E(73'< : ,(7' 85<,(7(3' . 1' . ;' 305' '1 -=2' > (132$P' >0'<0' ; . 7 6 58' 305' 25<. 18' 8'I'2' . 1' . ;' 30'2' E(73' . ;' (,'24 : 79=2' 2E55<0# . 7' 305' 3 > . ' 756 ('1'1 -' 8'I'2' . 12' ' 753 : 6 ' 3 . ' 305' # E7'1358' 49' 305' (6851' . <'539$ >0'<0' ' 20(,,' 0575(;357' <(,,' ; . 7' 20 . 731522' N' 7# (78'157=2' # 0 5 ' 45'1 -' 305' E572 . 1' >0 . ' 8'2<. I5758' '32' I(,:5# 05' . 33 . 1' # 2556 2' 3 . ' 0(I5' 4551' 6 (85' 49' 2 . 65' . 15' >0 . K' > (1358' 305' 5G(<3' ;'1(1<'(,' 23(356 513$ 4 : 3' 8'8' 1 . 3' 6 : <0' < (75' (4 . : 3' . 4Q5<3' . 12' . 7' '1; . 7<5 6 5132# . 125@ : 513,9' 305' 756 ('1'1 -' 1 . 352' (75' 307 . > 1' ,. . 25,9' 3 . - 53057' (18' ,5;3' : 1'135,,' - '4,5' (18' '1<. 6 E,535# 7# (78'157=2' #$ (;357' 23(3'1 -' 305' 4(,(1<5' . ;' 305' 8543$ E7 . <5582' 30 : 2W \

0 . ' '1' #

/ -' ' ' ' ' #' ' #

#' 4Q5<3'.12#

/#' 05' E75<5851 3' '2' 7(75#' .' >0'<0' 05' (12>5758$' 30(3' '1' B ' 95(72' 2E(<5' 305' ?'1-2' .;' 305' 75(,6' 15I57$(2?58' 05,E' '1' (7J ,'(6513' (18' >575' 851'58' 4:3' 307'<5#

1' N /' #' $' 305' (7,'(6513' 75,5(258' 3.' 305' '1-' (,,' 0'2' 85432$' >0'<0' >575' .;' I579' -75(3' I(,:5#

%#' ,'M(4530' '1' ' 95(72' 0(8' ' 2:42'8'52' .;' 305' ,('39' (18' / ' .;' 305' <,57-9#' 05' >0.,5' '1' 057' 3'65' <(65' 3.' $' $' "#' >0'<0' '2' (,6.23' 30755' 6',,'.12#

#' 4Q5<3'.'M' 05' '1-' '2' 1.3' '1' >(72' 1.7' '1' (<3'.1#

.,:3'.W\

05' E75251 3' <0(7-5' .;' 75,(18' '2' / $' "#

05' <0(7-5' .;' 305' $' (I9' '2' H $' "#

52'852' <0(7-5' .;';.73752252' (18' <(23,52#

F#' 4Q5<3'.M' 05' '1-' -'I52' 6:<0#

52E.12'.W\

5' -'I52' ' ,' (18' 4.:139' '2' (1' 522513'(,'I'73:5' .;' ('

'1-#' # # #

%#' (79$' (' @:551' ;:,' .;' 6.7(,'[I'73:52' (18' .;' -75(3'#85I.3'.1' '1' 057' ?'18$' 85E(7358' ;7.6' 305' 7.>1' 49' >(9' .;' 7523'3:3'.1' L $' "#' E57' (11:6' .;' .,8' 7513#

05' (,2.' -(I5' '1' 8.1(3'I52' C $' "#' E57' (11:6' .;' .,8' 7513#

05' 753:7158' 3.' 057' <,57-9' '1' 351302' (18' ;'723K;7:'32' $' "#

%:551' ,'M(4530' 05,8' 305' 6'88,5' >(9' 453>551' 057' ;(3057' (18' 057' -7(18;(3057#!

#' (33572' .;' 1;.7<56 51 32#

/#' .:432' (18' 5GE5<3(3'.1' .;' 475(<0' .;' 75(3'52#

#' 05' <.6E53'3'.1' ;.7' 305' :<09' .;' ,5I52$' >0575'1' 315' 6E57.7$' 3(?'1-' :E.1$' 0'6' 3.' 45' Q:8-5$' 4(30$' >'30.:3' 05(7'1-' 305' <(:25$' 2513' 305' '20.E' 3.' 3(?5' E.22522'.1' ;.7' 305' 0.:25' .;' :237'(#' 18' .1' 305' .3057' 2'85$' 305' 751<0' '1-' (18' .:7' '1-' Q.'1' 3.' 3(?5' E(73' >'30' 305' .3057$' 1.3' 45<(:25' .;' 0'2' 75,'-'.1' .1,9$' ;.7' 30(3' 0'2' 7'-03' (18' 75,'-'.1' <.1<:7' 3.-53057#

.' 1.4,5' (1' 51357E7'25' (2' 30'2' '2' 1.3' 3.' 45' 85257358$' 2'30$' 45J 2'852' <0(7'39$' >5' .>5' :13.' '3' (' 37'4:35' .;' E.,'<9#*

;' (<.1' 4(8' 253' 8.>1' 0'2' 1.352' .1' N' .,'<9P' A255' (4.I5$' E# CFD

Ċ Ů '2357=' 1' F#$ 4:3' .,5(7,9' (' 6'23(,;.# 1.3057' 75E.73' .;' 30'2' 2E55<0' A (7,# # CCCD' -'I52' '3' 30:2W' N' 05' >(2 3,'5' -7(18.0',8' .;' (' ;7:-(,' -7(18;(3057' (18' .;' (',..25K0(1858' ;(3057$' >0'<0' 6(85' 057' 23:89' 6.75' (' 658'.<7'39' 30575'1' 30(1' 2.65' .305'12' 8'8' 45;.75' 057#P

(7'# 54(352$' /B/ $ E# C# 88,# # H / #

'1R 5<56457 /B L$ '1235(8 .; :,9 /B $ 05 >.:,8 E7.4(4,9 0(15 E.'1358 3.'30'2 N 2:<<522'.1 <.137.15729.;'305 ,515 :<0'5 QP \ 1.> <.6'1-3.' 45 (' 1579 0'-0 6(3357$ 6'G'1-' '325,;' :E >'30 305 -7(18 7.3523(13K ''E(,' <.137.15729$ 305 -5157(,' (7658K,(>2:'3 .;' 6(1?'18 Q1 3''(3 -5157(3'.1$P '1 305 85<'2'.1 .;' >0'<0 N ('257$ E(1'(78!' :3<0$ 1-,'20$ 751<4 517 #$(18 (,,' 6.73(,2 >575 -533'1-' <.1J <57158$PR \;.7 305 ,',<5,'523 2.,:3'.1 .;' 305 8';;'<:,39 05 >(2 <.1J 2'857'1- \305 .;;57 .;'(1 51357E7'25'1 >0'<0 305 7.>1 6'-03 51-(-5 >'30 (22:7(1<5 .;'<(779'1-' 305 296E(309 (18 (64'3'.1 .;' 305 E5.E,5 (,.1-' >'30 '3 .1,9 ' 30'1?' 05 >.:,8 0(15 E:3 '3 '1 305 ;7.13 7(3057 30(1 '1 305 75(7 (18 '1235(8 .;' :2'1-' '3 3.' 51;.7<5 (' 856(18 ;.7 2:EE,'52$ >.:,8 0(15 375(358 305 E7.E.258 2:EE,9 (2 (' 6575 '1<'8513 .;' 305 51357E7'25$ (18 15<522(79 <.18'3'.1 .;' 2:<<522#

(,'24:79 E75;57758 3.' E:3 305 856(18 ;.7 6.159 :E.1 305 2'6E,5 -7.:18 30(3 305 '1-' 0(8 1558 .;' '3# .7 >051 05 <(65 3.' 2E5(? .;' N7537'4:3'.1$P 05 (EE5(72 3.' 0(15 4551 23:8'.:2,9 I(-:5# 05 1.352 30(3 756('1 .;' 305 75E.73 6(85 49 '7 8>'1 (1892 .;' 30'2 E(73 .;' 0'2 2E55<0 ,5(15 305 1(3:75 .;' 0'2 E7.E.2(,' (,3.-53057 '1J 85;'1'35 (18 .42<:75 (18 2.' '3K2556 2 3.' 0(15 4551';.:18 49 30.25 u!,'.ÛR05(78 '3# N 05 7537'4:3'.1 3.' E7.<558 ;7.6 0'2 (Q5239 1 >(2 N (' -5157(,' 7587502 .;' (,,'Q:23 -7'51(1<52$P :3 >0(3 ?'18 .;'30'1-2 >575 (86'3358 3.' 45 -7'51(1<52$ (18 >0(3 ?'18 .;' 7587522 >(2 3.' 45 ,..?58 ;.7$ 756('158 8.:43;:,# 12.6:<0 30(3 >051 305 >0.,5 2:4Q5<3 .;' N <.137'4:3'.1 (18 7537'4:3'.1 P >(2 75;57758 3.' 305 5J 157(,' .66'3355 .;' 7'51(1<52 A(' 75;5751<5 '151'3(4,5$ (2 305 30'1-' >(2K <(77'58$ 30.:-0 .;' 1.'-.8 .6510 3059;.:18 3059 <.:,8 6(?5 1.'(81(1<5 >'30.:3 ;'723 ?1.>'1-' >0(3 3059 >575 (3 ,'45739 3.' 375(3 ;.7# 51:752 (18 R (7820'E2 0(8 '18558 4551 6513'.158 '1 (,'2J 4:79=2 E55<0 4:3 '3 >(2 '1 (' 6(1157 2.' (64'-:.:2 30(3 N 30(3 6.3'.1 >(2 <.1<5'158 49 2.65 3.' 45 4:3 (2 (',:75 3.' 305 2:4Q5<3 3.' 87(>$ 0'6 .1 3.' (' -75(357 <.137'4:3'.1 TP $(18 30575;.75 '3 >(2 75J 2.,158 A 54# /D '1 305 ;'723 E,(<5 3.' (2<573('1 ;7.6 305 .782 '1 (1.3057 <.1;5751<5 N >0(3 30.25 30'1-2K>575 K>0'<0 0'2 (Q5239 '1351858 3.'-'15 3.'0'2 2:4Q5<32 49 >(9 .;'7537'4:3'.1 (18 ';' (78K 20'E2 (18 51:752 >575 1.3 1(6588 3051 3.' '1@:'75 E(73'<:.,(7,9 >053057 .7 1.'3059 >575 3.' 45 <.12'85758 (2 (6.1-'3056#

05 ;'723 @:523'.1 45'1-' E7.E.258 ;'723$ (,'24:79 45-(1 49 5GJ E7522'1-' 2:7E7'25 (3 305 E7.<558'1-# 05R '1-' 0(8 2:66.158 305 (7,'(6513 (I.>58,9 45<(:25 05 >(2 '1 >(1;' (18 3059 75E,'58 49 (2?'1-' >0(3 05 0(8 3.' -'15 5 >(2 75(89 0.>5157 3.' 5GE,('1 6.75 E(73'<:.,(7,9 >0(3 >(2 >(1358 (18 (;357 75<.:13'1-' (-('1 305

R (7,9,5=2 ,'23# .;' 75857'< 305 75(3$ I.,# '# E# F #
K (7'# 54(352$ E# /F#

I (7' . : 2 . << (2' . 12 > 0' < 0 0 (8 5G0 (: 2358 305 G<05@ : 57$ 05 3 . , 8 3056 E, ('1,9 30 (3 N 305 856 (18 . ; 305 '1 - > (2 8 . : 4,5 -! 3 . 8'2J <0 (7 - 5 0'2 85432 (18 ,'3 . 6 ('13 ('1 0'2 523 (35 (18 1 (65,9$; . 305 ; '723$ B $ O ; . 305 25<. 18$ $ E57 (11 : 6 # 18 0575$ '3 2556 2$ \ > '30 . : 3 . ; '57'1 - (19 (12 > 57 3 . 305 @ : 523' . 1 >0' < 0 3059 0 (8 <. 65 3 . (2?$ \ 05 23. EE58 (18 (> ('358 305 '7 75E,9#

05' 7 75E,9 > (2 '1 5;;5<3 (' 75E53'3' . 1 . ; 305 @ : 523' . 1# 13', N 3059 ?15> 305 '1 - 2 E,5(2 : 75$ >0 (3 05 >575 >',,'1 - 3 . 85E(73 > '30 (, 3 . 305 2 : 4Q5<3$P 3059 <. : ,8 1 . 3 N 85357 6 '15 . ; (19 95(7,9 <. 137'4 : 3' . 1 (18 ; . 7 305 856 (18 1 . > 6 (85$ '3 > (2 N '1 1 (3 : 75 37(12<518513$ (18 '1 E75<5851 3 I579 7(75$P (18 3059 <. : ,8 2(9 1 . J 30'1 - > '30 . : 3 ; : 73057 '1237 : <3' . 1 ;7. 6 305 . : 25# $

;357 30'2 >5 (75 3 . ,8 30 (3 30575R > (2 (' E(: 25 . ; 2',51<5W >053057 45<(: 25 (,'24 : 79 23',, 0 . E58 3 . < . 6 6 '3 3056 3 . 305 E7'<5 45; . 75 05 20. >58 305 - . . 82$. 7 45<(: 25 05 0(8 1 . 3 @ : '35 6(85 : E 0'2 6 '18 0. > ; (7 3 . - . $ 6(9 756 ('1 (' @ : 523' . 1# $: 3 (;357 > ('3'1 - (' ,'33,5 (18 ;'18'1 - 30 (3 1 . ; : 73057 (12 > 57 > (2 ; . 730<. 6 '1 - $ 3059 E7. <55858 3 . 305 25<. 18 E(73 . ; 305 '7 <. 6 '33'22' . 1 W N . : ,8 '3 E,5(25 0'2 (J Q5239 30 (3 3059 6 '-03 375 (3 <. 1<571'1 - 305 8'2<0(7 - 5 . ; 51 : 752 jP

. 30'2 (,'24 : 79 75E,'58$ 30 (3 05 6 : 23 <. 12 : ,3 305 7523 . ; 305 . 782 K45; . 75 05 <. : ,8 - 'I5 3056 (1 (12 > 57 . 1 30 (3 E. '13 W 4 : 3 65(1 > 0',5 A0 (I '1 - 1 . > $ 2 : EE. 25$ 0(8 3'65 51. : - 0 3 . < . 12'857 0'2 <. : 725 05 E7. <55858 3 . - 'I5 3056 (' 3 . ,57(4,9 ; : ,, 75E,9 3 . 305 '7 ; '723 @ : 523' . 1#

5 3 . ,8 3056 30 (3 ; . 7 6 (33572 . ; 2. I575' - 139 '105751 '1 0'6$ \ 2 : <0 (2 305 <(,,'1 - . ; (7,'(6513$ 305 23(6E'1 - . ; <. '1$ 305 E7. J <,('6'1 - . ; > (7$ \ > '30 30525 305 '1 - < . : ,8 1 . 3 E(73 W 30 (3 ; . 7 6 (33572 . ; Q : 23'<5$ (18 E7. 35<3' . 1 . ; 0'2 2 : 4Q5<32$ (18 7587522 . ; (,, Q : 23 -7'5I (1<52$ \ ; . 7 30525 05 <. : ,8 1 . 3 4(7 - ('1 W 05 0(8 (,75(89 3(?51 (1 . (30 3 . - 'I5 3056 ;755,9 W 4 : 3 30 (3 30575 756 ('158 2. 65 . 3057 E. '132 . ; E757. - (3'I5 > 0'<0$ 45'1 - 4 : 730512. 65 3 . 305 E5. E,5 (18 953 45,. 1 - '1 - . ; 7' - 03 3 . 305 7. > 1$ N 05 6 ' - 03 0(E,9 45 E57J 2 : (858 : E. 1 - . . 8 <. 12'857(3'. 1 3 . 9'5,8 : 13 . 0'2 2 : 4Q5<32 (18 . ; 30525 05 - (I5 305 ; . ,, . > '1 - 5G(6E,52 W

/# . 45 4 . : 18 49 305 23(3 : 35 . ; , '6 '3(3' . 1 . ; F # (2 2 : 4Q5<32 (75$ (18 3 . - 'I5 (> (9 30 (3 E(73 . ; 0'2 E757. - (3'I5$ E % G 0(3 ('Q5>5, >575 30'2$ 2('8 05$ '; 305 '1 - > . : ,8 E(73 > '30 '3 # '-03 . ; E : 7I59(1<5$ >0'<0 >575 (' -75(3 5(25 (18 <. 13513 6513 3 . 305 2 : 4Q5<3$ '; '3 >575 5G3'1 - : '2058#

F# 05 <0(1 - '1 - . ; (' 6(G'6 . ; 305 , (>) 18 30(3 (,, 305 '1 - 2 -7(132 20. Q', 8 45 3(?51 '1 (' ; (I . : 7(4,5 <. 1237 : <J 3' . 1 3 . 305 2 : 4Q5<3# 2 '; 305 '1 - -7(13 305 6(1.7 . ; (,5$ (18 05 0(I5 6(1.72 30575$ 30'2 1. > '2 (' I . '8 -7(13 <#

H# 1 .76572' 3.' 45' 3(?51' (>(9' A>0'<0' (75' (,,' 45- -(72' (18' ?1(I52D' (18' 3.' E7.<558' 49' >(9' .;''18'<36513#

56'22'.1'.;'.,8'85432';7.6'/ # C' :13',' F ' ,'M#$' (18' 2'1<5' 3051' (,2.' :E.1' -..8' <.12'857(3'.1#

B# .7;5'3:752' 1.3' 3.' 45' 3(?51' 49' 305' '1-' ;.7' 1.1E(96513' .;' 751327525 7I58#

C# .' '1Q:1<3'.1';.7' E.22522'.1' 3.' 45' -7(1358' :E.1' (1' '1;.76(3'.1' '1' 305' G<05@:57$' (18' 305' -5157(,' '22:5' E,5(858#

05';7'5182'.;'5I579' >(78' 3.' 0(I5' 305' >(7820'E' (3'<573('1' 75(2.1(4,5' 7(352# 18' 305' .66'3355' 3.' 75<5'I5' 1.' 6.75' 30(1' 05' E(92#

L# '<51<5'.;' (,'51(3'.1' 3.' 45' -7(1358' (3'<573('1' 75(2.1(4,5' 7(352$' I'M' F' 95(72' 7513' (;357' 305'.,8' 7513$';.7' ' E51<5' '1' 3' 652' E(23' >(2' (2' 6:<0' (2' ' 20',,'1-2' '2' 1.>#

/ # 52E5<3'.;'0.6(-5' 3.' 45' 3(?51' '1' 305' <.:1379' 45;.75' <.66'22'.1572$' >'30.:3'2:<0' <0(7-5' (18' 37.:4,5' (2' 1.>' '2#R

,' 30525' 05' 3.,8' 3056' 30(3' 3059' >575' (3' ,'45739' 3.' 85(,' >'30' 49' >(9'.;'4(7-('1\ ;.7' 305' 6('1' 6(3357'.;' 51:752'(18' (7820'E2' 3059' >.:,8' 2518' (1' (12>57' (2' 2..1' (2' 3059' 0(8' ,5(7158' 305' '1-=2' E,5(2:75#

F#

:<0' >(2' 305' 752:,3'.;' 305' <81;5'-51<5\ (18' '3' >(2' (' 235E' -('158' \ ;.7' 3059' <.:,8' 1.>' 45-'1' 3.' <(,<:,(35' 305' I(,:5' .;' 305' 351' E.'132' >0'<0' >575' .;;5758# :3' 30.:-0' '3' 3..?' E,(<5' .1' 3,'5' H30' .;' 547:(79$' '3' >(2' 1.3' 75E.7358' 3.' 305' .:25' 3',' 305' C30# 0'2' >(2' .>'1-' 3.' (' ,'I5,9' '1357,:85' >'30' >0'<0' 3059' >575' .<<:E'58' '1' 305' '1357I(,' (18' >0'<0$ 30.:-0' :1'6E.73(13' A(2' '3' 3:7158' .:3D' '1' '32' 45(7'1-' :E.1' 305' E752513' @:523'.1$' '2' 3.' '6E.73(13' '1' '32' 45(7'1-' :E.1' .3057' @:523'.12' >0'<0' >5' 20(,' 0(I5' 3.' 85(,' >'30' 0575(;357$' 3.' 45' E(2258' 49' >'30.:3'1.3'<5#

05' .66'3355' .;' 7'5I(1<52$' >0'<0' '1' 305' (4251<5' .;' .3057' 6(33572';.7' 15-.3'(3'.1' >(2' I579' 4:29' (,' 3'12' 3'65' '1' '1I'3'1-' (18' '1I523'-(3'1-' 6(33572' .;'<.6E,('13';7.6' (,' @:(73572$' 0(8' 75<5'I58' '1;.76(3'.1'30(3'(',(>'8'<3'.1(79$' E:4,'2058' 3>.' 95(72' 45;.75' 49' 305' 5-':2' 7.;522.7' .;' 'I',' (>' '1' 305' :1'I572'39' .;' (647'8-5$' <.1J 3('158' 2.65' .E'1'.12' 857.-(3.79' 3.' (7,'(6513' (18' 8(1-57.:2' 3.' ,'45739# '18'1-' 305' '1;.76(3'.1' 3.' 45' <.775<3$' 3059' 47.:-03' 305' 6(3357' 45;.75' 305' .:25# 0575:E.1' (,' .3057' 4:2'1522' >(2' 2:2J E51858' (18' ';' 3059' 0(8' 653' >'30' (19' .EE.2'3'.1' '1' 305'7' <.:725$' 305' ,:73,'57' <.12'857(3'.1' .;' :EE,9' (18' :EE.73' 6'-03' 0(I5' 4551' E.230'.158' '185;'1'35,9# .73:1(35,9' 0.>5157' ;.7' 305' E7.-7522' .;' 4:2'1522$' A(18' E570(E2' ;.7' 0'625,;' 3..D# 7# .>5,,$,'?5' 305' '20.E

. 7'23. . 1 (. ;.7657 1579 2'6',(. .<<(2'.1$*4(8 1. ;7'5182#X 05 .782 >575 75(89 3. Q.':R'1'<512:75 305 '1-3.'22:5 (. 7.<,(6(J 3'.1$ E7.0'4'3'1-N305 4:9'1-$:3357'1-$ .7 75(8'1-P .;'0'2 4..?T <.66(18'1-(,,'E572.12 >0.'E.2252258<.E'52 3.'3(?5 3,'56 E752513,9 3.'305 .78 (9.7$305 057';;'.;'305 .:139$305 0(1<5,,.7 .7 '<5 0(1<5',.7 .;'305 1'1572'39 A>0'<0 5157 >(2 15(7523D$N30(3 ;:73057 .7857 6'-03 45 -'151';.7 305 :3357 2:EE7522'.1 3057 5 . ;(18 N45J <(:25 30575'20.:,8 45 45335 7 .1572'-03 .;'4..?2 .;'(,,'2.732 45;.75 3059 <.65 3.'305 E7522$P (11.:1<'1-('752.,:3'.1 3.'N 6(?5 <0.'<5 .; .66'22'.1572 30(3 20(,,',..? 6.75 1(77.>,9'13.'305 1(3:75 .;'(,, 30.25 30'1-2 30(3 20(,,'45 E:3 3.'305 E7522 5'3057 <.1<571'1-' .:7 (:30.7'39 7.9(,$.7 <.1<571'1-' .:7 -.1571 6513$.7 305 ,(>2 .; .:7 ?'1-8.6T ;7.6 >0.6 (6.75 237'<3 (<<.:13 20(,,'45 9'5,858 :13.':2 30(1 0(30 4551':258 05753.;.75#P * 0'<0 E7.<,(6(3'.1$45'1-'75(8 '1 305 .:25 49 7# E5(?57.1 305 C30 .; (7<0$-(15 2:<0 2(3'2J ;(<3'.1 3.'305 -:(78'(12 .;','45739$30(3 3059 '6658'(35,9 E(2258 305 ;.,,.>'1-'752.,:3'.12 W\[

N 05 .66'3355';.7 7'1',5-52 3.'E75E(75 (1'.7857 3.:<0'1-'30'2 7.<,(6(3'.1W\ .7 5157 3.'756('1 0575#

N 7# 0(1<5,,.7 3.' -' (18 -'15 30(1?2 E752513,9 3.'0'2 (J Q5239#P ^

H#

0525 752.,:3'.12$ >0'<0 20.:,8 1.3 45 ;.7-.3351 >051 305 7.<,(J 6(3'.1 '2 75656 45758$ >575 E(2258 .1 305 C30 .; (7<0T (;:.,' 6.130 (;357 305 ;'723 8'2<.1579 .;'305 .;;518'1-' 251351<52 (18 305 20.<?.;'(,(76 >0'<0 '3 E7.8:<58# 3 6:23 1.3 0.>5157 45 2:EE.258 30(3 1.30'1-' 5,25 >(2 8.15 8:7'1-'30(3 6.130# 05 :1(1'6'39 .;' .66.12$ .782$ (18 '1-''1 305 <512:75 .;' 7# .>5,,' >(2 '1';(<3 2.'E57;5<3 ;7.6 305 ;'723$30(3 (2 5(7,9 (2 305 (;3571..1 .;'305 C30 .; 547:(79 305 .>57 .:25 >(2 (3 ,5'2:75 3.' 05(7 305 75E.73 .; (,'24:79=2 (12>57 3.'305'7 ,(23 51@:'7'52$ (18 3.'<.12'857 >0(3 3059 20.:,8 8.# 05 75E.73 45'1-' 85,'15758$ (' ,.1-' 854(35';.,,.>58$ '1 305 <.:725 .;'910'<0 (<.1 6(85 (' 2E55<0 0'2 ('6' 45'1-'A;.7#305 1.352 (75 3..' ;7(-6513(79 3.'<.1159 6.75 30(1 305 -5157(,'E:7E.73 3.'75<.66518 2.65<.:725 >0'<0$ >'30.:3 <.66'33'1-'3056 E756(J 3:75,9 '1 305 6(33572 .;'<.137(<3$ >.:,8 ,5(15 1.'8.:43 .;'305'7 '1J 3513'.1 3.' 45 ,'457(,'1 2:42'8'52$ (;357 305 (1<'513 E(33571 (18 3.

= 55 .,# #E# # ^ ..?.;'7.5,(6(3'.12$E# CK
^ .:71(,2$E# H6/ # 1 305 F 30 .;' (7<0 '7 ..# ..75 75E.7358 305 **75-'2K
37'1-'.;'305 7.<,(6(3'.1;.7 # .>5,,2 ..?# \ ' 2E5<'(,'.7857 .;;5758 (18
5135758#P 4# E# H/B#

7'R'1'18' 3056' .;' 305' '1357523' 3059' (,,' 0(8' '1' 305' 75E:3(3'.1' .;' 0(7J 6.19' 453>551' '1-' (18' E5.E,5$ (18' .;' 305' 8(1-572' >0'<0' N' 1.'25' .;' >(13P' 6'-03' 513(',# 18' 3,'5' 5.:<,:2'.1' .;' 305' 854(35' >(2' '1' (<<.78(1<5' >'30' 30'2' I'5>'† ;.7' 305' ;'1(,' 752.,:3'.1' >(2' 2'6E,9' 3.' '1;.76' 305' .782' 30(3' ;.7' -' 3059' ?15>' .;' 1.' >(9' 4:3' 2:42'89$ >0'<0' 3059' >.:,8' 3(?5' '13.' <.12'857(3'.1' '1' 8:5' 3'65' (18' 8.' 30575'1' 30(3' >0'<0' 20.:,8' 45<.65' ,.I'1-' (18' 8:3';:,$2:4Q5<32'† (18' ;.7' ' 3059' 6:23' >('3' ;.7' 3,'5'7' .7820'E2± (12>57' 3.' 305'7' 51@:'79' >053057' 51:752' >575' (6.1-' 305' 30'1-2' '1' 375(39#*

05' (12>57' >051' '3' <(65' A'3' >(2' -'I51' .1' 305' 18' .;' (7<0' (18' 75E.7358' 49' (<.1' 3.' 305' .:25' .1' 305' 30$D' >(2' '185<'2'I5$' (18' >(2' 653' 49' (' 6522(-5' 852'7'1-' (' ;:73057' <.1;5751<5' .1' 305' 6 (3357' .;' 51:752' W 305' .4Q5<3' 45'1-' N'3.' :7-5' 75(2.12' 30(3' 6'-03' 756.I5' .4237:<3'.12$P' * (18' 305' 3(2?' 45'1-' (22'-158' 3.' (<.1$ >0.' 0(2' ,5;3' 0'2' .>1' 75E.73' .;' >0(3' 05' 2('8# 05' <.1;5751<5' 3..?' E,(<5' .1' 0:728(9' 305' 30'.;' (7<0' /B LK/ #!

' ! ' ' ' + ,-' $ ' ' ' . ' ' ' *,%, #,' ' # // ' *% ' +,' /'I ' ' ' ' ' ' ' ' . /' ' $, ' ' +,' - ' ' ' ,% ' "' 12 ' ";' ' "(" " ' E ' ' (2 5' ;"1' E 13 3' ,)%,/I' ' +,' % , ' ' # $K

05' ?1'-032$' <'3'M512$' (18' 4:7-52252' .;' 305' .:25' .;' .6J 6.12' 0(15' <.66(1858' 65' 3.' 85,'157' 3.' 9.:7' .7820'E2' 305' <(:252' .;' 305' <.1;5751<5' 49' 3056' E7(958' (18' 49' 9.:7' .7820'E2' (2251358$' ;.7' 305' 25<.18' 4:2'1522' .;' 30'2' 8(9# 059' 0(15' 0(8' 75E.73' 6(85' :13.' 3056' ;('30;:,,9' .;' 0'2' (Q5239R2' (12>57' 85J <,(758' 49' 69' .78' 75(2:757$' 3.:<0'1-' 305'7' 0:64,5' 852'75' 3.

R' ,'<75' '2' (' <.12'857(4,5' 8';;5751<5' 0575' 453>551' 305' .:71(,2' .;' 305' 3>.' .:252# 05' .66.12± .:71(,' -'I52$ (2' 305' ;'1(,' ;.76' .;' 305' 6522(-5' 3.' 45' 85,'I5758' .1' 305' 18' .;' (7<0' A30(3' E(73' .;'3' >0'<0' 75,(352' 3.' ' N' 18' ;.7' 305' 6 (3357' .;' 2:EE.73$ 45<(:25' 3' 85E51853O' :E.1'9.:7' E2±(12>57$ >5' (33518' (18' 852'75' 305' 2(65' (3'9.:7' .7820'E2±4523'.EE.73:1'39#P' 05' .782=.:71(,'A (7<0' FO' 75E7525132' 305' .78' ,'(1<<,,.7' (2' 75E.73'1-' 305' .66'3355Z' .;' 305' .>57' .:25' 3.' 0(15'2('8' (3' 305' <.1;5751<5' 305' 8(9' 45;.75$ N' .7' 305' .3057' E.'13' .;' 2:EE.73$ 3059' 0..,8' 305' 2(65' 3.' 45' (' 6(3357' 6.23' <.12'857(4,5$ ' ' ' ' 'D' '5 ' ' >0575.;' 3059' 5GE5<3' 3.' :185723(18';7.6' 305'7' .7820'E2' (<<.78'1-,9$ >051' 305'7' .7820'E2' 20(,.' ;'18' '3' <.1151'513#P' .66.12± .:71(,$' E# H F' † .782± .:71(,$' E# B # ' 2:EE.25' 305' >.782' .;' 305' 75E.73' 75(,,9' >.75$ N' E7.E57 3.' 45';7(658' '% % '9 '305' .782P \ .7' 3.' 30(3' 5;;5<3 \ A>0'<0' 305' 6(3357' .;' 305' D -' >(2' 1.3D#

= .35' .;' (<.1=2' E55<0$ # #' H B# $

* .782± .:71(,$' E# BFKH#

J :7,# # BCLC$';.# /FB' W <.E9' <.775<358' '1' (<.1=2' 0(18#

/BH ‘ ‘ ‘ ‘ $ # ‘ #

.43('1‘ ,'45739‘ ;7.6‘ 4'2‘ (Q5239‘ 3.‘ 375(3‘ .;‘ <.6E.:18'1-‘ ;.7‘ 51:752# 18‘ ;'723$ 3059‘ 30'1?‘ 30562 5,I52‘ 6:50‘ 4.:18‘ :13.‘ 0'2‘ (Q5239$ 30(3‘ '1‘ ‘ * ,‘ '1‘ >0'<0‘ <(25‘ E7'1<52‘ :25‘ 3.‘ 45‘ (EE75J 0512'I5$ 05‘ 0(30‘ 6(85‘ (‘ -7(5'.:2‘ <.1237:<3'.1‘ .;‘ 305'7‘ E7.E.K‘ 2'3'.'Q ‘ 18‘ 2.‘ 6:<0‘ 3059‘ ?1.>‘ .;‘ 30(3‘ 30(3‘ 45,.1-2‘ 3.‘ 305‘ -75(31522‘ .;‘ 0'2‘ (Q5239‘ (18‘ 305‘ -75(31522‘ .;‘ 305‘ <(:25$ (2‘ 30562 5,I52‘ (<?1.>,58-5‘ 3059‘ .:-03‘ 1.3‘ 3.‘ 0(I5‘ 5GE5<358‘ (‘ E75J 2513‘ 752.,:3'.1‘ 30.:-0‘ 305‘ >'25‘ 6(1‘ 2(9$ @)‘ ‘ ‘ ‘ ‘ ‘ ‘ ‘ :3‘ 3059‘ ?1.>‘ 305'7‘ 8:39‘ 3.‘ 45‘ 3.‘ (33518‘ 0'2‘ (Q5239=2‘ 3'652‘ (3‘ 0'2‘ -..8‘ E,5(2:75# 18‘ 30'2‘ 3059‘ 8.‘ >'30‘ 305‘ 6.75‘ 5.6;.73$ 45<(:25‘ '1‘ 30(3‘ 0'2‘ (Q5239=2‘ (12>57‘ A6(3<0'1-‘ 305‘ 3'652‘ (18‘ >5'-0'1-‘ 305‘ E(22(-52‘ 30575.;D‘ 3059‘ <.1<5'I5‘ '1‘ 305'7‘ .E'1'.1‘ 7(3057‘ 0.E5‘ 30(1‘ 8'2<.:7(-5651 3# :3‘ 305‘ E7'15'E(,‘ <(:252‘ .;‘ 305‘ <.1;5751<5‘ 1.>‘ E7(958‘ A452'852‘ 30525‘ 2'-1';'<(3'.12‘ .;‘ 8:39‘ 1.3‘ 3.‘ 45K.6'3358D‘ (75‘ 3>.‘ E7.E.2'J 3'.12# 05‘ .15‘ 6(3357‘ .;‘ 5G<:25‘ .;‘ 30562 5,I52# 05‘ .3057‘ 6(3357‘ .;‘ E53'3'.1# 05‘ ;.7657‘ .;‘ >0'<0‘ -7.>2‘ 30:2# .:7‘ .7820'E$ 69‘ .78‘ 75(2:757$ '1‘ 9.:7‘ ,(23‘ 85<,(7(3'.1‘ .;‘ 0'2‘ (Q5239=2‘ (12>57$ A>0'<0‘ (<<.78'1-‘ 3.‘ 305‘ (337'4:35‘ 3051‘ -'I51‘ :13.‘ '3‘ 49‘ (‘ -75(3‘ <.:125,,.7‘ 0(8‘ ‘ "_ ‘ ;('7‘ (18‘ ,'I5,9‘ -7(I51D‘ 6(85‘ 30'2‘ 37:5‘ (18‘ 5;;5<3:(,‘ 8'237'4:3'.1‘ 0(3‘ 30575‘ 85E51858‘ :E.1‘ 51:752$ <.12'857(3'.12‘ .;‘ .1.:7$.;‘ .1J 2<'51<5$ (18‘ .;‘ 3','39# ;‘ 30525‘ 30755# 3','39$ (2‘ 0'2‘ (Q5239‘ 253‘ '3‘ 49‘ ;.7‘ 305‘ E752513‘ .:3‘ .;‘ 305‘ -75(31522‘ .;‘ 0'2‘ 6'18$ 2.‘ >5‘ 253‘ '3‘ 49‘ .E3‘ .;‘ 305‘ Q:23J 1522‘ .;‘ .:7‘ 852'752‘ ;.7‘ >5‘ 15I57‘ 65(13‘ 4:3‘ (‘ -..8,9‘ (18‘ >.7309‘ (:-6513(3'.1‘ .;‘ 305‘ E7.;'3‘ 1.>‘ 75<5'I58$ (18‘ 1.3‘ (‘ 8'6'1:3'.1# :3‘ A3.‘ 2E5(?‘ 37:,9D‘ 30(3‘ <.12'857(3'.1‘ ;(,,530‘ 1(3:7(,,9‘ 3.‘ 45‘ 5G(6'158‘ >051‘ ,'45739‘ .;‘ 375(39‘ '2‘ -7(1358‘ 4:3‘ 305‘ ;.7657‘ 3>.‘ '18558‘ 6(9‘ 5G<,:85‘ 375(39$ (18‘ <:3‘ '3‘ .;‘ ‘ 45;.75‘ '3‘ 45‘ (86'3358# 5I57305,522$ '1‘ 30'2‘ 30(3‘ >5‘ 20(,‘ 2(9‘ <.1<571'1-‘ 30.25‘ 3>.$ >5‘ 852'75‘ 3.‘ 45‘ <.1<5'I58‘ 7'-03,9‘ >5‘ 65(1‘ 1.3‘ 3.‘ 8'2E:35‘ >'30‘ 0'2‘ (Q5239‘ >0(3‘ 45,.1-53,‘ 3.‘ 2.I575'-1‘ 0.1.:7‘ .7‘ 0'2‘ E7'1<5,9‘ <.12<'51<5‘ Q 45<(:25‘ >5‘ ?1.>‘ >5‘ (75‘ :.3R<(E(4,5‘ 3.‘ 8'2<571‘ .;‘ 3056$ .3057>'25‘ 30(1‘ (2‘ 651‘ :25‘ 2.653'652‘ 3.‘ 255‘ 305‘ '6(-5‘ .;‘ 305‘ 2:1‘ '1‘ (‘ E(',‘ .;‘ >(357# :3‘ 30'2‘ >5‘ 2(9‘ ;.7‘ .:725,I52$ .8‘ ;.74'8‘ 30(3‘ >5$?1.>'1-,9$ 20.:,8‘ 0(I5‘ E7.E.:1858‘ (1930'1-‘ 30(3‘ 6'-03‘ '1‘ .:7‘ 25125‘ (18‘ E572:(2'.1‘ 3.:<0‘ 5'3057‘ .;‘ 4.30‘)‘ (18‘ 30575;.75‘ 0575'1‘ >5‘ 852'75‘ 3.‘ 45‘ 05(78$ 1.3‘ 3.‘ '1;.76‘ .7‘ E57J 2:(85‘ 0'2‘ (Q5239$ 4:3‘ 3.‘ ;755‘ (18‘ 5G<:25‘ .:725,I52#

18' ;'723' '1' -5157(,' >5' (<?1.>,58-5' 30(3' 30'2' 3755' .;' 51:752' >(2' E,(1358' '13.' 305' E757.-(3'I5' 09' 305' (13'513' <.66.1',(>' .;' 30'2',(18' 7, 30(3' '3' 0(30' 4551' ;51<58' '1' (18' E75257I58' 49' 6(19' 23(3:352'Q (18' 30(3' '3' 9'5,8530' (3' 30'2' 8(9'3.' 305' '1-' 305';7:'3' .;' (' -75(3' 75I51:5# :3' 953' 1.3>'3023(18'1-$ ';':E.1' 305' 2356' .;' 30'2' 3755' 6(9' 45' 7('258' (' E',,(7' .;' 2:EE.73' 3.' 305' 7.>1' E576(J 1513' (18' 8:7(4,5' (2' 305' 6(74,5$' 49' '1I523'1-' ;05' 7.>1' >'30' (' 6.75' (6E,5$ 6.75'<573('1$ (18' 6.75',.I'1-' 8.>79$ 30(1' 30'2' .;' 51:752' >5'0.E5' >5'E7.E.:18' 1.' 6(3357' .;'8'2257I'<5# :3'3.'2E5(?'8'23'1<3,9' .;'4.30$' (18';'723' .;' .1.:7' >0575'1' E7(9'9.:7' .7820'E2$'-'I5' 65',5(I5$'1' (' 2:4Q5<3'30(3' 6(9'2556' ' ;' 3.' 0(18,5' '3' 7(3057' (2' >5' (75' <(E(4,5$ 30(1' (2' 305' 6(3357' E570(E2' 6(9' 75@:'75# .:7' .7820'E2' >5,;' ?1.>' 305' I(7'.:2' 6'G3:75' (18' <.6E.2'3'.1' .;' .:7' 0.:25# 5' 0(I5' '1' .:7' 0.:25' ,5(7158' 'I','(12' 30(3' E7.;522' (' ,(>' 30(3' >5' 75I5751<5' (18' 2.653'652' <.12:,3' >'30' 3059' <(1' 35,,' :2$ 30(3' (,,' 305',(>2' ' ' (75' 4:3' (88'3'.1(,2' 3.' 305' (13'513' <'I',' ,(>$ (18' 30(3' 305' .6(1' 6E57.72' '1' 305' ;:,,' 05'-03' .;' 305'7' 6.1(7<09' 15157' ?15>' 3056' 2.' 30(3' 3059' (75' 1.3' '6E57'(,# 5'0(I5' -7(I5' E7.;522.72' .;' 305' .66.1' (>$ >0.' >',,' 85;'15':13.':2' 30(3' 30.25' (75' E(732' .;' 2.I575'-139$ (18' .;' 305'75-(,' E757.-(3'I5$ >0'<0' <(11.3' 45' <.66:1'<(358' >'30' 2:4Q5<32' 4:3';.7' 51:752' '1' 2:423(1<5$ 30575' '2' 1.15' .;' 9.:7' .7820'E2' 4:3'0(I5'3056$ (18';5>' .;':2'4:3'0(I5'3056# 05' '1-''18558'0(30' (' E7'.7'39' .7';'723'257I'<5'.;'0'2' 51:752$ (18'2.65'6.75'(6E,'3:85'.;'E7.;'3' '1' 30(3' >5'<(,,' 51:75'1' 0'5;' 4:3' 305' 2:4Q5<3' '2'<(E(4,5'.;' 51:752' >0'<0'205>2'30(3'3059'(75'1.3' 5-(,$ 1.7'(19'E.'13'.;' .I575'-139# 5'0(I5'-513,565 1'.;'0.1.:7(4,5'257I'<5'1'305' >(72'4.30'49'25(' (18',(18$ >0.' <(1''1;.76':2'30(3' >051''3''2' '1'@:523'.1'>0.'20(,,' 253' 0'2';..3';.756.23' 3.>(782'305'5156 9$$ '3''2' 15157' (2?58' >053057' 05'0.,8''1'?1'-03K257I'<5'.7''1'2.J <(-5# .'0(I5'>5' 6(19'85E:39',':351(132'3.'9.:7' .7820'E2$ (18' 6(19'<.66'22'.1572'30(3'0(I5'4551';.7'6:23572'(18',5I'52$ 30(3'<(1'35,,' :2'30(3'305'257I'<5'(18'85;51<5'.;'305'75(,6'0(30' '1'30525'8(92',33,5'85E518(1<9':E.1' 51:752# .'3051'>5'E57J <5'I5'30(3''3''2'1.'4.18'.7',-(651 3'.;'-.I571651 3$ 1.'2E:7'.;' 0.1.:7$ 1.'47'8,5'.;'.458'51<5# '65'>(2'>051''3'0(8'.3057' :25$ (18'305'1(65'.;'?1'-03=2'257I'<5''6E.732''3' 4:3'* % D ' ' ' ' :3'(,,'30'2'>0'<0'>5'0(I5'2E.?51'>5'<.1J ;522'3.'45'4:3''1'(' I:,-(7'<(E(<'39' >0'<0'15157305,522'6(9

30575;.75$ (2 ;(7 (2 >5 6(9 >'30 8:39$ (18 >'30.:3 '6E.73:1'39$ >5 6.23 0:64,9 852'75 (1 (<<5,57(3'.1 .;' 0'2 (Q5239=2 (12>57$ (<<.78'1-3.'0'2 -..8 3'652 (18 7.9(,E,5(2:75#

0'2 (EE5(,A'1 >0'<0 305 .782Q.'1580 E7.<:758 (I579 -7(<'.:2 (12>571 >0'<0 >(2 85,'I5758 49 305 (7,' .;' .730(6E3.1'.1'305 /30 .;' (7<0$ (18 75E.7358 3.' 305 .:25'.1$305'/H30 (18 >(2 :185723..8 (2 -'I'1-'3056 N,'45739 3.' 375!3 <.1<571'1-'305 8'2J <0(7-5 .;' 51:752 (18 (,,' 85E51851<'52 30575.;#P! .' >0'<0 >.7? 3059 (<<.78'1-,9 (88752258 30562 5,I52 (3 .1<5 (18 >'30 2.'-..8 (' >',,' 30(3 49 305 B30 .;' (7<0 3059 >575 75(89 >'30 305'7 E7.E.J 2'3'.1' >0'<0 >(2 20.73,9 30'2 30(3 1'-032= 257I'<5 -5157(,,9 20.:,8 05 3:7158 '13.';755 (18 <.66.1 2.<(-5 '1 753:71';.7 >0'<0 N 3059 .;;57 3.'305 '1-'(1 0:18758 30.:2(18 E.:182 95(7,91 >0575'1 3059 8.' '1<,:85 (,,' 305 '(18 ' >0'<0 305 '1-'5157 0(8 .;' 305 6(3357 (;.75 852'758 3.' 45 <.6E.:1858 ;.7#P^

#

;' 305 '1-' 0(8 1.3 4551 ?1.>1 3.' 45 '1 2:<0 :7-513 1558 .;' 6.159$ 30575 6'-03 0(I5 4551 -..8 E.,'<9 '1 6(?'1-' 8';;'<:,3'52 (18 E7.<558'1-'2,.>,9# 05 .66.12 45'1-'75(,,9 852'7.:2 3.' <.1<,:85 (1 (77(1-5651 2:<0 (2 25565 3.' 45 E7.E.258$ (1 (;;5<3(3'.1 .;' '1J 8';;5751<5 .1'305 .3057 2'85 6'-03 '1 30(3 <(25 0(I5 '18:<58 3056' 3.' 6(?5 0(235 ,523 3059 20.:,8,.25 305'7 <0(1<5# :3 305 8';;'<:,3'52 .;' 305 '1-' 0(I'1-' 4551 1.3 .1,9 E7.<,('658 4:3 856.1237(358 49 ;'-:752 \ 305 'E3.,57(4,5 (18 '15G37'<(4,5 564(77(226513 2 .;' 305 7.>1 0(I'1-' 4551 ,('8 (2 305 -7.:18 .;' 305 >0.,5 E7.<558'1- \ X >0',5 305 E5.E,5 <.:,8 0.,8 .1 >5,' 51.:-0 (2 3059 >575 \ 30575 <.:,8 45 1.' 8.:43 30(3 85,(9 >(2 6.75 '1<.1151'513 3.' 0'6' 30(1 3.' 3056# 3 '2 37:5 30(3 0'23.7'(12 2E5(7 .;' E5.E,5 N -7.(1'1-'P :1857 5G(<3'.12$ (2 ';' (,,' 305 E.E:,(3'.1 >575 6'257(4,5 >051 (' ;5> (75 :1Q:23,9 3(G58 (18 ' 2:EE.25 30575 15157 >(2 (' 3'65 '1 -) <.:1379 >051 6(19 752E5<3(4,5 >'3152252 >575 1.3 75(89 3.' 20.> 30(3 (,,' 30'1-2 >575 -.'1-'3.'7:'1# :3 30(3 '1 305 95(7 /B/ ' 305 E5.E,5 .;' 1-,(18 >575 -5157(,,9 5'3057 '1 8'237522 .7 '1 ;5(7 .;' 8'2K 37522$ '2 <573('1,9 1.3 37:5# :7159.72 (18 '1;.7657 2 (18 ;(7657 2 .;' 7.>1 7515152 >575 0(7(22'1-' 6(19 E(73'<:,(7 E572.12 (18 <(:2'1-' (' -75(3 85(,' .;' -5157(,' (11.9(1<5 (18 '77'3(3'.1 4:3 305 K 4:78512 ;7.6 >0'<0 305 E5.E,5 >575 <79'1-' 3.' 45 75,'5158$ >575 49 1.' 65(12 2.' '13.,57(4,5 (Y 3.' 87'I5 3056' 3.' E:7<0(25 75,'5,' (3 (1 5GK

(7'# 54(352$ E# C#
(,'24:79=2 5E.73 3.' 305 .782$ L' (7<0# # # E# CF#

#/B/ #a *tS / ' ? ' ' # /BL

,.1-K2'-0358# 3 (19 7(35 I75 20(,, ;'18 30(3 3059 :185723..8 305'7 (8I(13(-5 (18 8'8 1.3 65(1 3.' 307.>' '3 (>(9#

K 059 0(8 2:46'3358 305'7 .;;57 3.' 305 .782 .1 305 30 .; (7<0$ (;5>' 8(92 45;.75 305 (2357 75<522$ (18 >575 (,75(89 4:29 (-('1 R >'30 305'7 <.,,5<3'.1 .;' -7'5I(1<52$ >051 .1 305#R/L30 .; E7',' 3059 >575 '1I'358 3.' (' <.1;5751<5 3.' 05(7 305 (12>57# 05 .782 0(8 <.12'85758 305 E7.E.2'3'.1$ (18 0(8 <.66:1'<(358 '3 3.' 305 '1-'1 >0.25 85<'2'.1 3059 75E.7358 '1 30525 >.782 W

N 5'>.:,8K:E.1'1.' 3576 2' 85E(73'K>'30 (19'E(73'.;' 0'2' 2.I575'-1' 75J 7.-(3'I5$ >0575.;' 305'351:75' %9 '.;' 0'2' E572.1V'>0'<0''2' (,,'.15'(2'.;' 0'2' 7.>1$ '2' 1.' 26(,,'47(1<0'W :3$3.:<0'1-' 305' 85E5185132':E.1'2:<0' 51:752$ * % ' (7820'E2$ (77'(-5$ 7'6 '57' 5'M'1$ 5,'5;$ 52E5<3' .;' .6(-5$ (18 305 ,'?5$ >0'<0' 45' 305'.1,9'4:730512'.;' 30525 51:752' A305'0.1.:7' (18 51:752' 75257I58D' '2' (Q5239''2'E,5(258'>051'05'20(,,' 0(I5' :185723..8'>0(3'75<.6E5125'>',' 45'30575;.7'.;;5758':13.'0'6$ >'30' <.1I51'513'2E558$'3.'-'I5';:73057'(12>57';.7'<.137(<3'1-';.7'305'2(65#P*

.' 30'2' 305 .66.12 (2251358 (3 .1<5$ >'30.:3 (19 8';;'<:,39# ,'59 >575 <.1351 30(3 305 '1-'20.:,8 753('1 305'0.1.:7W 305'75J <.6E5125 3059 >r75 E75E(758 3.' .;;57 ;.7 75,'5;';7.6' 305'4:78512 '1<'851 3.' 305 51:752 >(2 305'2(65 >0'<0 3059 0(8 (,75(89 .;;5758 ;.7 75,'5;';7.6' 305 51:752'3056 25,I52$ \ / $ O# E57 (11:6#] 0(3 8'8 05'2(9 3.' 30'2' .;;57 j

05 @:523'.1' >(2 (2?58 (3 (' <.1;5751<5 .1' 305 B30 .;' E7',$ (18 (12>5758 49 (,'24:79 '1' (,.1-' 2E55<0$.;' >0'<0 A30.:-0 '3 >(2 ;5,3 (3 305 3'65 3.' 45 2.' '6E.73(13 30(3 (' 2:4K<.66'3355 >(2 2E5<'(,,9 (EE.'1358 3.' N<.12'857 .;' 305 75E.73 (18 (22'-1' (' /$8(/&$/P D 305 1.352 '1' 305 .66.12 .:71(,2 (75 1.3 <.6E,535 51.:-0 3.' 45 '1J 35,,'-'4,5$ >0',5 A2'1-:,(7,9 51.:-0D 305 .:71(,2 .;' 305 .782 <.1J 3('1' 1.' 75<.78 .;' '3 (3 (,,# 3 2.' 0(EE512 0.>5157$ 30(3 (1' :1:2:(,,9 ;:,,' 75E.73 .;' 305 2E55<0 .;' '7 8>'1' (1892 A>0.' >(2 <0.251' 49 305 2:4K<.66'3355 ;.7 305'7 2E.?526(1D '2 E75257I58 (6.1-' 305 (7K ,5'(1 # W^ (18 ;7.6' 30'2' >5 ,5(71' >0(3 305 15G3 6.I5 '1' 305 -(65 >(2 \ (' 6.I5 @:'35 :1,..?58 ;.7 (3 305 3'65$ (18 I579 8';;'<:,3 3.' 5GJ E,('1' 5151' 1.>#

3 >',' 45 75656 45758 30(3 >051' 305 .66.12 >575 (2?58 ;.7 305'7 (12>57 3.' 305 '1-2 856(18 .;' $ j# (11:(,' 2:EE.73$ 3059

K .782 .:71(,2$ E# #
* N .I58$ 30(3 >0575 305 .782 (3 305 .1;5751<5 9 ' ' ' 4/
% ' -' ' " ' 30525 6'-03 <.12'857 .;' 305'75E.73$P 53<# # # E7',' C#
! (7,# # CCC# 7'1358 49 305 (6851 .<'539 '1 EE518'G 3.' U .7'# 5J
4(352 '1' /B/ #=

75E,'58' 30(3' 3059' <. :,8' -'I5' 1.' (12>57' :13',' 3059' ?15>' N' >0(3' 30.25' 30'1-2' >575' >0'<0' '?' (Q5239' '1351858' 3.' -'I5' 3.' 4'2' 2:4Q5<32' 49' >(9' .;' 7537'4:3'.1$P' (18' '1' E(73'<:,(7' >053057' (7820'E' >(2' (6.1-' 3056 1' '6E,9'1-' .;' <.:725' 30(3' >051' 3059' .;;5758' 305' 6.159' 3059' .;;5758' '3' '1' <.12'857(3'.1' .;' 305' 756'22'.1' .;' 30.25' 4:78512$' (18' E(73'<:,(7,9' .;' (7820'E2# 05' 2(65' :185723(18'1-' >(2' '6E,'58' '1' (,'24:79=2' ;'723' (12>57' A /' 547:(79D' >051' 05' 51:657(358' 351' XE.'132' .;' E757.-(3'I5' >0'<0' N'0'2' (Q5239' 6'-03' 0(E,9' 45' E572:(858' :E.1' -..8' <.12'857(3'.1' 3.' Q'5,8' :13.' 0'2' 2:4Q5<32$P \ 30(3' '2$' ;.7' >0'<0' 3059' 6'-03' 85(,' 49' >(9' .;' 4(7-('1$ \ 4:3' 8'23'1<3,9' 75257I58' 305' @:523'.1' >053057' (7820'E2' >575' 3.' 45' '1<,:858# 3' >(2' '6J E,'58' (-('1' '1' 305' 75Q.'1857' 3.' 30(3' 75E,9' XA C 547:(79D$' >051' 305' .66.12' '13'6(358' 30(3' 3059' <.:,8' 2(9' 1.30'1-' (2' 3.' 305' 6(3357' .;' N'2:EE.73'P' :13',' 30(3' @:523'.1' >575' (12>5758# 3' >(2' '6E,'58' 307.:-0.:3' (<.1=2' 2E55<0' 3.' 305' .782' A ' (7<0D' 6.I'1-' 3056' 3.' Q.'1' '1' E53'3'.1' ;.7' ,'45739' 3.' 375(3' .;' (' <.6E.2'3'.1' >'30' 305' '1-' ;.7' (782' (18' 51:752$' >'30' (' I'5>' 3.' N' '1I523' 305' 7.>1' >'30' (' 6.75' (6E,5$' 6.75' <573('1$' (18' 6.75' ,.I'1-' 8.>79' ' 30'2' .;' 51:752TP' >0'<0' <.:,8' .1,9' 65(1' 3.' E7.I'85' 2:<0' (' 8.>79' '1' 4% ' ;.7' 305' 75I51:5' 3059' 1.>K9'5,858# 3' >(2' '6E,'58' '1' 305' (12>57' 3.' 30(3' E53'3'.1' 85,'I5758' 49' 305' (7,' .;' .730(6E3.1' .1' 305' / 30' .;' (7<0$' >0'<0' >(2' (<<5E358' (18' '6658'(35,9' (<358' .1' (2' -7(13'1-' 3056' 305' ,'45739' 3059' (2?58# 3' >(2' '6E,'58' '1' 305' 3576 2' .;' 305'7' ;'723' .;;57' A B' (7<0D' (18' '1' 305' ;'723' (12>57' 3.' 30(3' .;;57' A ' E7',D$' >051' 305' '1-$' '1' 75;:2'1-' 3.' E(73' >'30' 305' 51:752$' 2'-1';'58' 0'2' 75(8'1522' 3.' <.137(<3' ;.7' 305' 8'2<0(7-5' .;' 305' 4:78512' '1<'8513' 3.' 3056' A (7820'E' 45'1-' 2E5<'(,,9' 1(658' (2' .15D' >051' 05' 20.:,8' 0(I5' :185723..8' >0(3' % ' >.:,8' 45' .;,5758# :3' 1.>' .1' 305' 30' .;' E7',' '3' (EE5(758' 30(3' 30575' 0(8' 4551' 2.65' 6'2(EE750512'.1# .7' (;357' 756'18'1-' 3056' 30(3' 3059' 0(8' N' .;;5758' ;.7' 305' 351:752' (18' >(7820'E2$' >'30' (,,' .3057' 305'7' '1<'85132$' / $ ' 49' 305' 95(7$' ' * ' ' .'9 % ' '" 9' 9' 3% 'D-' ,2' (,'2,1'79' E7.<55858' 3.' N'<7(I5'E(78.1'30(3' 05' >(2' 2.65>0(3' 3..' <:7'.:2' 1.3' 3.' 6'23(?5' 3056 W ;.7' 05' ;5(758' ,523' 2.65' >(13' '1' 0'625,;' '1' <.1I59'1-' 30.25' 30'1-2' 3.' 3056' >0'<0' 305' '1-' E'K.K' E.:1858' 0(8' 6(85' 3056' 6.75' .42<:75' 30(1#3059' >.:,8' 0(I5' 4551' ';' 3059' 0(8' 4551' 7'-03,9' (18' 5G(<3,9' 85,'I5758#P' 5';5(758' A'3' 25562D' 30(3' >051' 05' 3.,8' 3056' 30(3' 305' '1-' >(2' 75(89' 3.' E(73' >'30' 30.25' 351' E.'132' .;' E757.-(3'I5' 49' >(9' .;' N' 7537'4:3'.1' P' ;.7' 305' $ ' E57' (11:6' >0'<0' 05' 856(1858$' (18' >051' 3059' >575' (;357>(782' 3.,8' 30(3' 3059' 6'-03' '1<,:85' (7820'E2' >'30' 3056'$' 3059' 0(8' 2:EE.258' 0'6' 3.' 65(1' 30(3' 305' '1-' >(2' 75(89' 3.' E(73' >'30' 3056' ' 4% ' ;.7' $ j# E57' (11:6T\ 30(3' $ j# E57' (11:6' >(2' 3.' 45' 3''5

/C ' ' /+ ' ' ' ' ' # [b 1 7#

75;5751<5' 3.' 305' .<<(2'.1$ (18' ;.7' 30755' .7' ;.:7' 95(72' .1,9$R5(<,' 3'65# 18' ;(7';7.6' 45'1-R305'E7.I'2'.1' 3051' 75@:'758' 49'305' 7. 7' ;7.6' 30'2'2.:7<5K'1' .78'1(79'3'652$'3' >(2'15(7,9';.:7'3'652' (2'6:<,' (2'305'(I57(-5'.;'305#''723'3>51,9K25I51'95(72'.;'30(3'75'-1$(18'15(7,Q' 3>'<@' @2' 6:<0' (2'305' (I57(-5'.;'305'15G3' 351#K 05'E7.E.2(,'1.>' 6(85'>(2'3.'25<:75'3.'305' 7.911$R'1' (' 3'65K.;'E5(<5'4.30'>'30'2:4J Q5<32' (18' 15'-,'4.:72$ \ 3.K'25<:75'3.' '3$#1.3';.7'30755'.7';.:7'95(72$ 4:3';.7'5157$ \ >'30.:3$75;5751<5'3.' '7<:623(1<52$ (18'>'30.:3' '1J 3571513'.1'.;' (7,'(6513 \ (1' (11:(,$2:EE,9'-75(357'49' (3',5(23' (' ;.:730'30(1'305'-75(3523'30(3'(19' (7,'(6513'0(8'5957'-7(1358'.7' 4551' (2?58' 3.'-7(13# (2''3'<.1<5'I(4,5'30(3'305' .:25'>.:,8' ,'2351'3.'2:<0' (' E7.E.2(,';.7' (' 6.6513'(;357'3059'0(8'4551';('7,9' 3.,8'>0(3''3'>(2j# .'(2?'305, .:25'.;' 466.12';'723'3.';755'305' 7.>1';7.6'8540(4 (18'3051'3.'2533,5':E.1''3'2:<0' (1''1<.65 \ >0(3' >(2''3'4:3'3.'(2?'3056$'3.'6(?5'305' '1-''185E51851 3.';' (7,'(J 6513$'3.'85E7'I5'#3056 25,I52'.;'(,,',5-(,'E.>57'1'305'23(35$'3.'3:71' E53'3'.12'.;'7'-03' (18'<.6E,('132'.;' -7'5I(1<5''13.'56E39';.762$ 8(1-57.:2'3.'305'6.I572$'4:3'E.>57,522';.7'305'7'.405<32'j' 18'30'2' (3'('3'65'>,'51'3059'>575'6.75'30(1':2:(,,9'(,'I5'3.'305'I(,:5'.;' 3,'5'E7'I',5-5'3059'0(8'523(4,'2058R.;'85(,'1-'>'30'6.159'4',,2'49' 3056 25,I52$ (18'?55E'1-'@:523'.12'.;'2:EE,9'513'75,9''1'305'7'.>1' 0(182# 'I5'305' '1-'6.159'51.:-0$ (18]'>0(3'1558'>.:,8'05'0(I5' 3.'<(,,'(19'6.75' (7,'(651325'.7'>0(3'20.:,8'0'1857'0'6';7.6' <(,,'1-'3056'.1,9'3.'8.' '>.7?'(18'8'22.,I'1-'3056'305'6.6513' 3059'45-(1'3.'8.'(19'>.7?';.7'30625,I52'j' 18'>0(3'>.:,8'<.1J <522'.12$ E7.6'252$ .7'5151',(>2$ 45'-..8';.7$;7.6'30(3'6.6513'j' 05';5(7'.;' (7,'(65132'45'1-÷3(?51'(>(9$ 5151'305'4523'851'258' ,(>2';.7'25<:7'1-'305','4573'52'.;'305'E5.E,5'<.:,8'1.',.1-57'0(I5' 4551'37:2358'3.'8.'305'7'>.7?# 05',(>9572'>.:,8'0(I5'6(85'305' ,(>2'65(1'>0(3'3059','?58#

53''';''3''2'0(78'3.'45,'5I5'30(3' (,'24:79'6(85'2:<0'(1'.;;57'>'30' (19'0.E5'30(3''3*'>.:,8'45'(<<5E358$''3'6:23'45'(86'3358'30(3''3''2' (,2.'0(78'38'::85723(:8'>0(3'.4Q5<3'05'<.:,8'0(I5?0(8''1'E7.J I.?'1-'('75;:2(,# 0.:-0'305' .66.12'0(8'4551'3..'>(79'3.'-'I5' (>(9'305'7'(8I(13(-5'45;.75'3059'0(8'6(85'305'7'4(7-('1$'3059'0(8' 20.>1'1.'8'2'1<,'1(3'.1'3.'3,'5'4(7-('1''325,;'1.7'(19'8'2E.2'3'.1'3.' 85(,''.,'457(,,9''1''3# 05'E7.E.2(,'0(8':18.:4358,9'4551'(8I'258' (18'85,'457(35W>09'20.:,8'3,'5'E7.E.257'>'20''3'3.'6'2<(779'j' ' 8.<?53'>0'<0' ';'18''1'305'<(,518(7'.;' 3(35' (E572$'8(358' E7',' $' /B/ ' A305'8(9'45;.75' (,'24:79'85,'I5758'305' '1-=2'#(12>57D$'6(9' #E570(E2'0(I5'2.6530'1-'3.'8.'>'30''3#' 1'305' 30'.;' E7',' ('4.18' ;.7'/ $ "#'>(2'-'I51'49'305' '1-'3.'305' .78' (9.7$,8576 51$' #!:8' 5<.78<7'.;' .18.1$' ' % -' '/ $ "#' ' ' ' -

9" ' 3' < ; 2' " ' ; 1 ' " ' R + $' H

75Q5<3'.1' .;' 305' '1-=2' 856(18# 18' (<<.78'1-' 3.' (',53357R! !'35!'
>0.' (EE5(72' 3.' 0(I5' 3551' >5,,' '1;.7658$ 305' ;'723' '6E:,25' .;' 305'
.:25' >(2' 3.' N-'I5' 1.' (12>57' (3' (,,$ 4:3' 756(1' 2',513' 3',,' 305' '1-'
20.:,8' 45' E,5(258' 3.' 6(?5' 2.65' 6.75' 75(2.1(4,5' E7.E.2'3'.1' :13.'
3056$;37' 475(?' (42.,:35,9' 305' 4(7-('1'↑ >0575;7.6' 3059' 8.' 1.3' 2556'
1.>' 6:<0' (I5725'↑ 30'1?'1-' 3.' 0(I5' 8.15' 51.:-0$P*53<# 0'2'<.:725'
>(2' .EE.258' 0.>5I57$ 49' '7' 8>'1' (1892' (6.1-' .30572'↑ (18' (;357'
3>.' 8(92' 854(35' 3059' (-7558' :E.1' (' 6522(-5# :3' 30.:-0' '1' ;.76'
(18' 3.15' '3' >(2' 6.75' (<<.78'1-' 3.' (<.1=2' (8I'<5$ 305' 2:423(1<5' .;'
'3' >(2' (' E,('1' 75;:2(,' 3.' .;;57' 45335?' 3576 2# .7' 8'8' 3059' 30'1?' ;'3'
3.' 37:23' 305' ,(1-:(-5' 3.' 305' 8'2<753'.1' .;' 305' 652251-57'↑ 4:3' 75J
8:<58' '3' 3.' >7'3'1-'↑ (18' 6:<0' 3.' 305' 8'22(3'2;(<3'.1' .;' 305' .782'
A>0.' 0(8' E(73'<:,(7,9' 852'758' N30(3' 305' .66'3355?' 6'-03' 0(I5'
,'45739' 3.' 05(7' E7.E.2'3'.12' (18' @:523'.12$ (18' 3.' 6(?5' (12>572$ (2'
(,2.' 3.' (2?' @:523'.12'P*Ð 3059' 5GE7522,9' 75237('158' 3056' 3.' 305' 85,'I579'
.;' 305' 6522(-5$;.74'88'1-' 3056' 3.' N' (12>57' .7' 8'2E:35#P
<<.78'1-' 3.' 305' 75E.73' 6(85' 49' (,'24:79' 3.' 305' .782$ '3' >(2' 3.'
30'2' 5;;5<3#

L' '%&' C'$/$'&'$' 1+6'&,;' +&+`$1,;' %13' ./6$,,$,' ()'&'$' 1$&'$/' (.,$'
'%3' ())$/$3' &(' 6+=$')(/' &'$' 4%&&$/' ()' ?%/3,,' $1./$,;' %13' 3$8$13%1&,'
&'$/$(1;' / $ "#$' %13' '%3-0' .,' /$2$+=$3' %1,C$/' &'%&' '+,' %D$,&O'}%,'
&'$1' %3=+,$3' C(.*3' 1(&' %22$8&' &'$/$();' 1(/' ,%C' /$%,(1' &(' 3$8%/&')/(4'
'+,')+/,&' 3$4%13' ()' ; R',.88(/&' %13' ; R',.88*0;' '+,' (22%,+(1,'
-$+16'+1'%**' %88$%/%12$ 1(C' 6/$%&$/' &'%1'-$)(/$;' %13' $,8$2+%**0' &'$' ?%/3,'
-$+16'1(C'-0' &'$4' 3$,+/$3;' C'+2'' -$)(/$' C%,' 1(&',8(F$1' ()' 1(/'+12*.3$3'
+1' &'$' +165,' 3$4%13'J '%&' &'$0' '%=$',+12$ $1&$/$3' +1&(' /$A$@%4+1%&+(1'
()' &'$' 4%&&$/;' %13' 3(')+13' 1(' /$%,(1' &(' %*&$/' &'$+/' ())$/'J '%&' &'$+/' 8./7
8(,$' C%,' &(' '%=$'*%+3' &'$' -./3$1' (1' &'$' %13,4$1' C'$/$'+&' C%,' 4(=$3'
.1&(' &'$4' &'%&' &'$0',' (.*3' &'+1F' ()',(4$' 2(./,$' &(' 4%F$'.8' &'$' +165,'
3$4o13%4$&$'J &'$0' %1,C$/$3' &'%&' &'$0' 2%11(&' 1(C')+13' '(C',(' '.6$' %
,.4' 4%0' -$' *$=+$3' C+&'(.&' 6/+$=+16' %' 4.*&+&.3$' ()' '+,' %D$,&O5,' 8((/'
,.-D$2&,'J (C-$+&;' +1' %**' /$%,(1%-*$' 4%&&$/',' &'$0' C+**' -$' /$%30' &(' 6+=$'
'+,' %D$,&O' ,%&+,)%2&+(1' %,&*0;' &'$0' %2F1(C*$36$3' &'$+/' 6/$%&' (-*+6%7
&+(1' &(' '+,' %D$,&O;' C'(' '%&'' 6+=$1' &'$4' %').&'$/' *$%=$' &(' &/$%&' &'%1'
$=$/' C%,' 6/%1&$3' &(' %10' ()' &'$+/' 8/$3$2$,,(/,' %13').&'$/' &'$0' C(.*3' 1(&'
6(5O

* 5(:,'5:'3.' 7:64:,,$' (9$ '1># 56# /F#
* # #' F' (9#
^ 05' 25125' 0575' 2556 2' 3.' 45',5;3' '6E57;5<3# 5(:,'5:$ >7'3'1-' (1' (<<.:13'
.;' 30'2' <.1;5751<5' 3.' 7:64:,,' A '1># 56# #' E# /B Ð 75E7525132' 3,'56' (2'
2(9'1-' N30(3' 305' '1-=2' 856(182' E7.E.:1858' 3.' 3056' >575' 2.' 0'-0' (2' 30(3' '3' >(2'
1.3' '1' 305'7' E.>57' 3.' 2(3'2;9' 3056'↑ .7' ';' 30.25' 2:62' 20.:,8' 45' '6E.258' :E.1' 305'
2:4Q5<3' (<<.78'1-' 3.' 305' '1357523' .;' 5I579' .15$ 30.25' >0'<,'' 0(8' >(78(4,5' ,(182'
20.:,8' 0(I5' 2:<0' (' 4:7851',('8' :E.1' 3,'56' (2' 3059' 2,'.:,8' 15I57' 45' (4,5' 3.' 45(7' '3$'
(18' ';' 3059' >575' '6E.258' 5@:(,,9' :E.1' 305'-5157(,$' 30(3' 305' E5.E,5' >.:,8' 4.' 2.'
." .1858' (18' 6.I58' 3057549$' 30(3' 3059' 20.:,8' 1.3' 8(75' E7.E.:18' '3' :13.' 3056#P
f' # #' E# L# U !

;' 305 .405<3 .;' 305 -.I5716513 >(2 3.' 475(?' 305 15-.3'(3'.1' .;;$ 305 6 (3357 1.>' 23..8 I579 >5,,' ;.7 3056# :3 (,'24:79=2 -75(3 (11.9(1<5 (18 8'2(EE.'13651 3 (3 305 75;:2(,' .;' 305 .66.12 3.' (,,.>'305'7 .66'33552 3.' 51357'13.' 8'2<:22'.1 A.;'>0'<0 ';'18 ,'I5,9 37(<52 '1' 4.30 .:71(,20 25562 3.' 20.>'30(3 30'2 >(2 1.3 4'2 .405<3# 18558 05' 1.3 .1,9 756.1237(358 (:8 (7-:58$ 4:3 0:1-' .:3 2'-12 .;' #(<<.66.8(3'.1# N 57<5'I'1-' A2(92 5(:,'5:' '1' 305 ,53357 @:.358 '1' 305',(23 1.350 30(3 3059 >575 (,3.-53057 <..,58 '1' 305' 4(7-('1$ (18 >',,'1-' 3.' -.' 4(<?' ;7.6' 305'7 .;;57$ 05' 3.,8 3,'56' 30(3 30.25' 2:62 >0'<0 0(8 4551' E7.E.:1858 :13.' 3056' 0(8 4551' 35185758 7(3057 49 >(9 .;'523'6(3'.1' 30(1' .;'85 6 (18(18' 852'758 3056' 3.' 45 >5,,' (8J I'258 4.>'3059 ,53 -.' 2:<0 (1' .EE.73:1'39 (2 3059 0(8 1.>' 1' 305'7 0(1828 3.' ;755 30562 5,I52 .;' 30(3 9.?5 .;' 3,'5 (7820'E2 (18 .;' 305 7523 .;' 305'7 -7'5I(1<52$ >0'<0 3059 20.:,8 1.3 (,>(92 75<.I571 20.>'1-' :13.' 3056' 305' 6E.73(1<5 (18 '1<.1I51'51<52 -7.>'1-' :13.' 30@!6 .:3 .;' 5I579 .15 .;' 30.25 -7'5I(1<52# :3 3059 (75 1.3 ,'?5 A05 (8820 3.' 37.:4,5' 30562 5,I52 6:<0 ;:73057 '1' 305' 6(3357$:13',' 305 '1-' 20(,,' 0(I5 6.8';'58 (18 75;.7658 0'2 E7.E.2'3'.12#=! 3' (EJ E5(72 (,2.' ;7.6' 305 .66.12 .:71(,2 30(3 305 (11.9(1<5 >(2 1.3 <.1;'158 3.' (,'24:79 30755'.3057 .782 0(8 5GE752258$8'22(3'2;(<3'.1' N (18 3(G58 305' E7.<558'1-2 .;' 305 .:25#P

9

05' 37:30 >(2 30(3 (,'24:79 0(8 .I5720.3 0'625,;' 4.30 >(92 ;'723 '1' 6(?'1-' 305' 522513'(,' >5(?1522 .;' 0'2 E.2'3'.1'3..' (EE(7513$ (:8 1.>'1' 2533'1-' 0'2 856(182 3..' 0'-0# .7 >(2 30(3 305 >.723# ;'305' 7587522 .;' * % ' >(2 (,,' 305' 75<.6E5125 3059 >575 3.',..?' ;.7 \ (18 3059 >575 1.>' 3.,8 30(3 >0(35157 5,25 >(2 -'I51 6:23 45 E('8 ;.7 (3 '32 ;:,,' I(,:5 \ 305',5(23 30(3 <.:,8 45 5GE5<358 >(2 30(3 305x 3 >.:,8 6(?5 (2 6:<0 .;' 305'7 -7'5I(1<52 (2 3059 <.:,8# 05'7 .66'3355 0(8 4551' 4:29 '1' 305' 51@:'79 ;.7 3>.' 6.1302$ (18 75E.732 >575 45-'11'1-' 3.' <.65 '1' ;(23# 1' 305 H30 .;' E7',' N 305' -75(3 6(3357 .;' 6E.2'3'.12 P 0(8 <.65 45;.75 3056# 1' 305' F 30 A'1' 2E'35 .;' (' >(71'1-' '1' 305 '1357I(,' ;7.6 (,'24:79 30(3 3.']';,(3357 3056 25,I52 '1' 305'7 E7'I(35 .E'1'.12$ >051 <(252 0(8 4551 Q:8-58 '1' (' <.:73 E7.E57 3.' 85357 6'15 3056 ####' >575 4:3 3.' 4(7?' (-('123 305 6..1P*D 305 E5(?57 0(8 4551 8'75<358 3.' N 3(?5 .7857 ;.7 305' I'5>' .;' 305 (7,'(6513 5<.782 '1' 305 .>57$P 305 '1-=2 .:125,' N 3.

* N 059'1.>'2('8 ;.7 ,522 >5 20(,,' 1.3 0(I5 '3 30575;.75 (';755 <.1;5751<5# \ ' >.1857 >0(3 356E523 0(8 ;(,,51 (' 8(1-57 3.' (2? (' @:523'.1# # # # .7 305' E(73'J <:,(7$ >5 20.:,8 0(I5 '3 ;.7 ,522 30(1 856(1858#P '7 # (1892=2# 75E.73 .;' (,'2J 4:79=2 2E55<0# ' # E# H # ! '1>#56# 'E# /B # * E55<0 3.' 305 .66'3355.;' .1;5751<5$ E7',' B# (7'# .4# /B/ $E# / #

-'I5 8'75<3'.1 ;.7E75<5!;13(>0'<0 3059I.:<''58$P(18N '7 .4573 .33.1 3.(22'23#P 1 305;'723.;(9 3059 0(8(EE.'1358 1'15.;' 305'7 4.89 3.'N 25(7<0 75<.782 3.:<0'1- 6E.2'3'.12$P(18;'#I58(' 8(9;.7 8'2<:22'1-' 305 @:523'.1 '1 305 .:25# 05 8'2<:22'.1 >(2 ,'?5,9*34 45 E(73'<:,(7,9 '1<.1I51'513(3 30(3 3'65$;.7'3>(2 2('8 3.' 45 .1 305 25<:7'39 .;' 305 " 30(3 305 / $ j# 0(8 4551 4.7J 7.>58!>0'<0 0(8 564.,85158 (,'24:79 3.'7('25 0'2 3.15 2.'0'-0 (18 (2 305 8(9 875>' 15(7 (1.3057!'(335 6E3>(2 6(85 3.' '1357<5E3'3# 1;.73:1(35,9 305 65(12 :258<.123'3:358(';7520 -7'5I(1<5 >0'<0$ '1 305 356 E57 3.'>0'<0 3059 0(8 1.>' 4551 47.:-03$ 2556 58,'?5,9 3.' 47558;7520 37.:4,52# 1 305 //30.;' (9$ >051 N 305 K7'5I(1<52 >575<(,,58;.7$P 305 E5(?57 85,'I5758(' 6522(-5$ (2;7.6 305 '1-$ >(71'1-' 3056 30(3 305 @:523'.1 '(2 3.'0'2 '3.'6E.25 8:3'52 :E.1 657<0(18'25 5GE.7358(18 '6E.7358 0(8 4551 2533,58Q:8'<'(,,9$ (18 >(2 1.3 3.'45 8'2E:358 '1 305 .:25# .>'(2 305 '1-' 0(8 4551 (4251 3;7.6 .18.1(,,' 305 >55?$ (' @:523'.1 (7.25$ >051<5 i05 E5(?57 75<5'I58 30'2 6522(-5 N >0575'1 05$ 5G<:2'1-' 0'625,';.7(' ,.1-'3'65$ '1 305 518 8'8 <.1;522 30(3 05 75<5'I58 30'2 6522(-5;7.6 305 4.89.;'305 7'I9 .:1<',#P^ 0(3 305'7 E5(?57 20.:,8 75<5'I5 <.66:1'<(3'.12 '1 30'2 >(9 307.:-0 305 7'I9 .:1<',>(2 05,8 3.' 45(-('123.7857$ (18 '3>(2 752.,I58(;357(' (>(76 854(35 N 0(3 305 2(65 6522(-5$ <.6'1-'1.3'6658'(35,9;7.6 4'2 (Q5239$ 20.:,8 1.3 45 75<5'I58(2(' 6522(-5 (18 30(3 '1'(,,' 6522(-52;7.6 4'2 (Q5239$ 305 E5(?57 45;.75 05 85,'I5758 3056 20.:,8;'723(2?,5(I5.;'305 .:25$ (<<.78'1-'(2 0(8 (1<'513,9 4551 (<<:23.658#P] 053057 305 '1-' 4(8 (1930'1-' 3.'8.'>'30 30'2 E(73'<:,(7 652J 2(-5 '2 8.:43;:,1 4:3 305 -5157(,'3576 2.;'305 752.,:3'.1 '6E.7358(' ,'6 '3(3'.1 .;'0'2 ,'45739.;'(<3'.1 '1 >0'<0 05<.:,8 0(78,9 0(I5 4551 5GE5<358 3.'(<@:'52<5# 2 2..1(2 '3>(2 75E.7358 3.'0'6 05 2513 (-('1 3.'51@:'75 >053057$ ';'(' 6522(-5 >575 2513 3.'3056 49 305'7 E5(?57$ (18 305 E5(?57 85<,(758 3,'(3 '3<(65 49>(77(13;7.6 305 '1-''1>.78.7>7'3'1-$ .7;7.6 305 4.89.;'0'2 7'I9 .:1<',$ 3059 >.:,8 75;:25 '3j' 05 @:523'.1 >(2 '6658'(35,9 75;57758 3.' 305 .66'3355.;' 7'5I(1<52 A/H (90(18 '2:EE.25 '3>(2 '1 305<.:725 .;' 305 854(35 >0'<0 ;.,,.>58 30(3 (<.1 6(85 305 2E55<0 >0'<0 <.652 15G3# .7 30.:-0 30575 >575 .30(7.<<(2'.12 .1 >0'<0 05 6(9 0(I5 2E.?51 (18 E7.4(4,9 8'8 2E5(?:E.1 30'2 @:523'.1$ '8.' 1.3;'18(1.3057 '1 >0'<0 '3 E75251358 '325,';5G(<3,9 '1 305 2(65 20(E5# 3 '2 3(?51;7.6 (' 6(1:2<7'E3<.E9 756('1'1-'(6.1-'0'2 .>1 E(E572$ >'30 2.65 <.775<3'.12 (18 (88'3'.12 '1 0'2.>1 0(18 (18 6:23 30575;.75 45 2:EE.258 3.' 45 (' 30'1-'>0'<0 05 30.:-03 >.730 E75257I'1-#

* 0(6457,('1'3.' '1>..8# '1>$ .6# # E# /B #
17,# .4$ /B/ $E# F #

757.-(3'I5 (18 7'I',5-5$ (--7(I(358 49 305 ;(<3 30(3 305 @:523'.1 (3 '22:5 >(2 .15 .;' '1<(,<:,(4,5 '6E.73(1<5# 3' '2 2<(7<5,9 3..' 6:<0 3.' 2(9 30(3 '3 '1I.,I58 305 >0.,5 @:523'.1 >053057 305 .6J 6.12 >575 3.' 45 3051<5;.730 (3 305 657<9 .;' 305 7.>1$ .7 305 '=.>1 (3 305 657<9 .;' 305 .66.12# ;' 305 '1-'0(8 305 E.>57 .;' ,(9'1-' 8:3'52 (3 >',' :E.1 5GE.732 (:8 '6E.732$ 05 <.:,8 <(779 R.1 305 -.I5716513 >'30.:3 305 ('8 .;' (7,'(6513 ';'1.3$ 305 05,E .7 <.12513 .;' 305 .:25 .;' .66.12 45'1-' '18'2E512(4,5$ 3059 <.:,8 (,>(92 <.137.,' 305 -.I5716513 49 23.EE'1-' 305 2:EE,'52# 05 '1-' A>0.$ 3.' 8.' 0'6 Q:23'<5$ >(2 (,>(92 75(89 3.' -'I5 75(2.12 ;.7 >0(3 05 8'8$ (18 3.' 45,'5I5 30(3 ';' 05 6'-03 4:3 23(35 3056 '1 0'2 .>1 >(9 05 <.:,8 <.1I'1<5 5I5794.89 30(3 05 >(2 7'-030 30.:-03 3.' 756.I5 305 8';' <:,39 49 (' 2E55<0# 18 .1 30'2 .<<(2'.1 '3 6:23 45 (86'3358 30(3 05 0(8 30(3 3.' 2(9 >0'<0 >(2 6:<0 3.' 305 E:7E.25$ (18 6'-03 ';' E7.E57,9 6(1(-58 0(I5 8.15 (' -75(3 85(,' 3.' <,5(7 305 >(9# ' 5 >(2 E75E(758 3.' 6(?5 2.65 2:423(13'(,' <.1<522'.12# 5 >(2 E75E(758 1.3 .1,9 3.' <.1<585 3.' 305 .:25 .;' .66.12 >'30.:3 7525715 305 7'-03 .;' 8'2<:22'1-' E(73'<:,(7 '6E.2'3'.12 '1 752Qc5<3 .;' <.:I5:'51<9 .7 '1<.1I51'51<9$ (:8 .;' <.6E,('1'1-' .;' 3056 (2 -7'5IJ (1<52 A>0'<0 ;.7 E7(<3'<(,' E:7E.252 >(2 (,6.23 305 2(65 (2 8'2<:22'1-' 305 7'-03 '325,;' .;' '6E.2'1-0 4:3 (,2.'3.' E:3 (','6 '3 :E.1 305 5G57<'25 .;' 305 E.>57 >0'<0 05 (22:658$ 49 51-(-'1-' 0'625,;' 1.3 3.' :25 '3 >'30.:3 <.12:,3'1-' (7,'(6513#+ ;' 05 <.:,8 4:3 0(I5 <.1;'158 0'625,;' '1 2E55<0 3.' (1 '13'6(3'.1 .;' >0(3 05 % ' <.1<585$+ (18 ,53 2',51<5 2(9 ;.7 0'6 >0(3 45 >.:,8 ' <.1<585$ 2:<0 (' 85<,(J 7(3'.1 ;7.6 0'2 .>1 6.:30 6'-03 0(I5 8.15 6:<0 3.' <.1<','(35 .EJ E.2'3'.1# :3 2',51<5 >(2 (' -';3 >0'<0 0(8 1.3 4551 -'I51 3.' 0'6# 5 <.:,8 1.3 2(9 >0(3 05 >.:,8 8.$ >'30.:3 (,2.' 2(9'1-' >0(3 05 >.:,8 1.3 8.W <.:,8 1.3 E7.6'25 3.' ;.75-.' 305 5G57<'25 .;' (' 7'-03$ >'30.:3 ;'723 E7.I'1-' 30(3 05 0(8 '3W <.:,8 1.3 (86'3 30(3 (','45739 >513 2.' ;(7$ >'30.:3 8519'1-' 30(3 '3 >513 ;:73057# 05 <.125@:51<5 >(2 30(3 65(1'1-' 3.' 35,',' 305 .66.12 30(3 305'7 7'-03 3.' N<.6E,('1 .;' (19 Q:23 -7'5I(1<5$P (18 30575;.75 3.' 51@:'75 .;' N 305 4:7851 (18 '1<.1I51'51<5 P .;' '6E.2'3'.12 >(2 1.3 @:523'.158$ 05 45-(1 49 >(71'1-' 3056 1.3 3.' 8'2E:35 305 '1-=2 9 '3.''6E.25 (18 65(1J '1-' 3.' E:3 (1 '6E.73(13 75237'<3'.1 :E.1 0'625,;' '1 305 5G57<'25 .;' 30(3 E.>57$ 05 45-(1 >'30 (1 (7-:6513 '1 Q:23';'<(3'.1 .;' '3$ >0'<0 A;.,,.>58 3.' '32 ,.-'<(,' <.125@:51<52 '6E,'58 (' E753512'.1 3.' 3(G 1.3 '6E.732 (18 5GE.732 .1,9$ 4:3 (,,' .3057 E7.E5739#^' 18 305 -5157(,

¢N 5<(:2505 6(9 577 '1 305 ;.76 .;' ,(9'1-' 6E.2'3'.12 :E.1 6'2'1;.76(3'.1$ 05 >.:,8 15157 8.' '3# 4:3 '1 (7,'(6513# 5 >.:,8 05(7 >0(3 4.30 0.:252 <.:,8 2(9#P (7'# 54# /B/ $E# F $1#

N 1 305 518 05 ;5,' '13.' (' ,.1-' 2E<55," <.1<571'1-' 0'2 E.>57 3.' ''1'6K2.' :E.1 657<0(18'252 A30.:-0 0'2 2E55<0 (2 -5157(,$ (18 <.1<.7:58 (,,' 4'2 2:405<32+ -..82D#=* (7,# 54# /B/ $E# FB#

!L <2 21 8 3 < ;2 " ;1 " R + $

'6E7522'.1 >0'<0 0'2 EE55<0 E7.8:<58 6(9 45 -(305758 ;7.6 305 75E.73 2513 49 0(6457,('1 3. '1>..8 3>. .7 30755 8(92 (;357#

N 05 /23 .;30'2 E752513 05 6(85 (1.3057 2E55<0 3. 4.30 305 0.:252$ 4:3 2E '33,5 3. 305'7 2(3'2;(<3'.1 30(3 05('7 '3 4758 -5157(,,9 6:<0 8'2J <.6;.73 3. 255 .:7 6.1(7<0'<(,E.>57 (18 7.9(,E757.-(3'15 237('158 2. 0'-0$ (18 6(85 2. 37(12<518513 51579 >(9$ 30(3 ';305 E7(<3'<5 20.:,8 ;.,,.>305 E.2'3'.12$ >5 (75 1.3 ,'?5 3. ,5(15 .:7 2:<<522.72 30(3 ;7558.6 >0'<0 >5 75<5'158 ;7.6 .:7 ;.75;(30572$ 1.7 6(?5 (<<.:13 .;(1930'1-5 0(15 ,.1-57 30(1 3059 ,'23 30(3 -.1571# (19 4.,8 E(22(-52 0(15 4551 2'1<5 '1 305 .>57 .:25$ (18 (6.1-23 305 7523 (>'20 30(3 30'2 2E55<0 6'-03 15157 <.65 '1 E7'13#P

1235(8 .; (EE5(2'1- .15 8'2E:35$ 305 '1- 0(8 '1 ;(<3 A>'30.:3 (3 (,, 65(1'1- '30 7('258 (1.3057 .; ,(7-57 8''15:2'.:2 \ (8'2E:35 '1J I.,I'1- 305 513'75 75,(3'.1 453>551 .I575'-139 (18 '45739 >0'<0 '3 >(2 2.' '6E.73(13 A(2 (<.1 <.:,8 0(15 3.,8 0'6 3. 6('13('1 '1 2',51<5$ >'30.:3 <.6'1- 3. 5G(<3 85;'1'3'.12# 05 5;;5<3 >(2 '6 65J 8'(35 30.:-0 3. 0'6$ 45,'515$ @:'35 :15GE5<358# 05 ;'!723 4:2'J 1522 .;305 .:25 305 15G3 6.71'1-$>(2 305 (EE.'13 6513 .; (.6J 6'3355 N 3. 85I'25 :E.1 2.65 <.:725 3. 45 3(?51 3. '1;.76 0'2 (J Q5239 0.> 6:<0 305 ,'4573'52 .;305 2:4Q5<3 (18 305 E7'I',5-5 .;305 (7,'(6513 >(2 '6E5(<058 49 30'2 '10'4'3'.1 3. 854(35 0'2 757.J -(3'15#P ^

1 305 1.352 .;305 854(35 >0'<0 51858 '1 305 (EE.'13 6513 .;30'2 . 6 6'3355 (<.1=2 1(65 8.52 1.3 (EE5(7# :3 '1 . 6 6'3355 05 37'58 0(78$ (2 05 0(8 '1I(7'(4,9 8.15 .'" ,'?5 .<<(2'.12$ 3. 3:71 305 8'2<:22'.1 ;7.6 305 -5157(,' @:523'.1 .;305 7'-03 3. 305 E(73'<:,(7 @:523'.1 .;305 -7'5I(1<5# 3 0(8 45-:1 >'30 237.1-(22573'.12 .;305 7'-03 .; (7,'(6513 3. 854(35 ;755,9 .;(,,30'1-2 30(3 <.1<571 305 .66.1>5(,30$ '1<,:8'1- 305 757.-(3'15 .;305 7.>1$ >0'<0 >(2 (,,5-58 3. 0(15 4551 2:4Q5<3 '1 (,, (-52 3. 51@:'79 4.30 '1 (7J ,'(6513 (18 '1 305 .:732 .; :23'<5# '2 <.:725 '1 2:<0 <(252 0(8 (,>(92 4551$ 1.3 3. 8519 305 7'-03$ 4:3 ';E.22'4,5 3. E75I513 345 @:523'.1# 18 2:<0 >(2 0'2 <.:725 1.># ;0'2 2E55<0$ >0'<0$ 0(I'1- 4551 6(85 '1 .66'3355 (18 1.3 '1 345 .:25$ '2 1.3 651J 3'.158 '1 305 .:71(,2$ 7# (78'157=2 6(1:2<7'E3 2:EE,'52 :2 >'30 305 ;.,,.>'1- 1.35#

:3 '7 7(1<'2 (<.1 3..? :E.1 0'6 3. (12>57 30525 75(J 2.12$ (1H 2('8 30(3 05 >.:,8 7(3057 2E5(? 30575'1 (<<.78'1- 3. 305 ;7558.6 .;0'2 6'18 30(1 (<<.78'1- 3. 305 E7.E7'539 .;0'2

I '1># 56# # E# /CH#
(7'# 54# /B/ $ E# B# 88# # H / $;# C 4#

XE,(<5# 5 45-(1 >'30 (' 35G3$ ' ' * ' ,' '
* '0 % ' '* ' % ,' ' D ' '

5 2('8 05 0(8 4551 (' (7,'(6513 6(1 5I57 2'1<5 05 >(2 /C! 95(72 .,8 >'30'1 >0'<0 3'65 05 8'8 .42571530(3 305 (7,'(6513 0(8 75<5'I58 8'I572 '10'4'3'.12 ;7.6 305 %:551 3. 75237('1 3056 ;7.6 854(3'1- 305 6(3357 3051 '1 @:523'.1 >0575'1 05 3..? 30'2 8';;5751<5 30(3 ';' 305 6(3357 854(358 <.1<57158 305 7'-03 .7 '1357523 .;(19 2:4Q5<3 .7 305 .66.1>5(,30$ ';' '1 30(3 <(25 (1 '10'4'3'.1 <(65$ 05 ;.7 0'2 E(73 >.:,8 1.3 (8I'25 305 .:25 3. 852'23$ 4:3 3. '1;.76 305 '1-.;' 305 ,'45739 .;' 305 .:25$ (18 2. 3. E7.<558# :3 ';' 305 6(3357 '1 @:523'.1 >575 (1 522513'(,' 30'1- >0'<0 <.1<57158 305 757.-(3'I5 (18 305 E.>57 .;' 305 7.>1$ 3051 305 .:25 8'8 (,>(92 852'23 ;7.6 E7.J <558'1- (19 ;:73057 :E.1 2:<0 '10'4'3'.12 75<5'I58# 5-(I5 '123(1<5 .;' 8'I572 '1 0'2 3'65#

1 305 ,(23 %:551=2 3'65 2.65 854(35 >(2 6.I58 '1 305 .:25 <.1<571'1- 305 %:551=2 6(77'(-5$ >0575:E.1 305 %:551 05(7'1- 30575.;' 2513 (1 '10'4'3'.1$ >0'<0 >(2 .45958 (<<.78'1-,9#

.3 ,.1- (;357$ 8'I572 3'652 305 6(3357 .;' :<<522'.1 >(2 6.I58$ (18 305 %:551 2513 305 ,'?5 '10'4'3'.1#

1 (^ S ,'M# (' -5157(,' ;(23 ;.7 305 >0.,5 .66.12= .:25 .;' (7,'(6513 >(2 (-7558 :E.1$ (18 '3 >(2 (EE.'1358 3. 45 '1 305 56E,5 0:7<0$ >0575 2.,561 >(71'1- >(2 -'I51 49 7# 7(I572 305 :18(9 45;.75 305 8(9 (EE.'1358# :3 305 %:551 2513 (1 '10'4'3'.1 3. 305 .:25$;.7 30(3 '3 E573('158 3. 057 5<<,52'(23'<(,' E.>57 3.' (EE.'13 ;(232$ (18 1.3 E7.E57 ;.7 #305 (7J ,'(6513$ >0'<0 >(2 .1,9 3. 6588,5 >'30 ' '

.' '1 %:551 (79=2 b3'65a 305 (7,'(6513 .:25 5135758 '13. (' 854(35 >0(3 25I5757 <.:725 >575 ;'33523 ;.7 305 %:551 3. 3(?5 >'30 305 .;;'<572 .;' 057 0.:25 A30(1 >(2 3051 :258D# :3 305 %:551 2513 (1 '10'4'3'.1 :13.' 3056$;.7 30(3 '3 <.1<57158 057 '1 057 E(37'6.19$ >0'<0 3.-53057 >'30 057 257I(132 205 >(2 (4,5 3. -.I571 >'30.:3 (8I'<5 .;' (7,'(6513# 18 30575;.75 05 E572:(858 305 .:25 3. E75251 30525 6(33572 .;' 6E.2'3'.12 (2 -7'5I(1<52 3. 305 .66.1>5(,30 A>0'<0 305 '1-'0(8 -'I51 :2 ,5(I5 3. 8.D$ 4:3 1.3 3. '@:523'.1 0'2 8(C$/ (18 E757.-(3'I5 3. '6E.25#*^

= '6'23(?5$ 'E752:65$;.7 9 .7$ N 0(8 4551 (' ('K (6513 6(1 ;.7 C 95(72#P (<.1 >(2 '1 ;(<3 H >,'51 05 ;'723 <(65 '13. (7,'(6513# ' (7'# 54# /B/ $E# F ##

3' 8.52' 1.3' (EE5(7' 30(3' 30525' E75<585132' >575' 653' 49' (19' E75<5J 8513' .1' 305' .3057' 2'85 \ !,(357' 30(1' 305' 75'-1' .;' 8>(78' # \ >0575' (' 854(35' '1' (7,'(6513' <.1<571'1-' 305',' 6'32' .;' 305' E757.-(3'I5' 0(8' *+ ' & :3' '3' >(2' 5(293.' ;'18' 8'23'1<3'.12' 453>551' 5(<0' .;' 30!' 0<(252' (,,5-58' (18' 305' <(25' .;' 305' 15>' 6E.2'3'.12$' (18' 3.' 20.>' 30(3' 3059' >575' 1.3' 5G(<3,9' '1' E.'131' (18' 305' 752:,3' >(2' (' 752.J ,:3'.1' 3.' 756.1237(35# ' E53'3'.1' .;' '-03' >(2' (<<.78'1-,9' 87(>1' :E$ 2533'1-';.730' '1' 356E57(35' 4:3';'76',(1-:(-5' 305' 7'-03' .;' (7,'(J 6513' 3.' 854(35' ;755,9' .;' (,,' 6(33572' >0'<0' <.1<571' 305' 7'-03' (18' 23(35' .;' 305' 2:4Q5<3$' (18' 305' '6E.22'4','39' .;' 5G(6'1'1-' 305' <(25' .;' 305' 15>' 6E.2'3'.12' (2' '3' (;;5<358' 305' 2:4Q5<3' >'30.:3' 51@:'7'1-' 0.>' '3' 23..8' '1',(>'W (18' 518'1-' >'30' (' E53'3'.1' 30(3' 3059' 6'-03' N' (<<.78J '1-' 3.' 305' :18.:4358' 7'-03' (18','45739' .;' (7,'(6513' E7.<558' '1' 305'7' '1351858' <.:725' .;' (';:,;' 5G(6'1(3'.1' .;' 30525' 15>' 6E.2'3'.12'T $30(3' 2.' 3059' 6'-03' <0557;:,,9' E(22' .1' 3.' 0'2' (Q5239=2' 4:2'1522$' ;7.6' >0'<0' 30'2' 23.E' 4(8' 49' 8'1572'.1' 2.',.1-' >'3005,8' 3056#==!

0'2' E(E57' >(2' I579' 2?',;:,,9' >.7858' 3.' (I.'8' .;;51<5'T (18' (2' ' 30'1?' 305' '1-' 0(8' 15I57' 65(13' 3.' E:3' (19' 75237('13' :E.1' 305' ,'45739' .;' 305'7' E7.<558'1-$ 4:3';(1<'58' .1' 305' <.137(79' 30(3' 05' >(2' .;;57'1-' 3056' (' I579',(7-5'(18':1:2:(,''18:,-51<5$ 05' >(2' 305' 6.75' 8'2E.258' 3.' 75<5'I5''3' -7(<'.:2,9# 3' >(2' E75251358' 3.' 0'6' (3' 7551J >'<0' .1' 305' H#30' .;' (9' (3' //' '1' 305' 6.71'1-# 05' 652251-572' >575' 75<5'I58' >'30K' :1:2:(,' .:73529$' (18' 0(I'1-' 4551' N' 5G37(.78'J 1(7',9' 513573('158' (3' 8'1157$' >575' 2:66.158' '13.' 305' >'3087(>'1-' <0(6457' (3' F' 3.' 05(7' 0'2' (12>57'W 305' 2:423(1<5' .;' >W0'< ' >(2' 20.73,9' 30(3' 3059' 0(8' 6'23(?51' 0'2' 65(1'1-$ 4.30' '1' 0'2' 6522(-5' (18' '1' 0'2' 2E55<0# 1' 4'2' 6522(-5' 05' 0(8' 1.3' 65(13' 3.' E7.0'4'3' (42.,:35,9' (' 8'2<:22'.1' .;' 305' @:523'.1$ 4:3' .1,9' 3.' 2:2E518' '3$' '1' .7857' 30(3' 05' 6'-03' :185723(18' 305'7' '1351 3'.12'W (18' '1' 0'2' 2E55<0' >051' 05' 5GKK' E,('158' >0(3' E.>572' (' '1-' .;' 1-,(18' 0(8' 49',(>$ 05' 15I57' 65(13' 30(3' 05' >(2' -.'1-' 3.' :25' 3056' ;.7' 305' (47'8-6513' .;' (19' .;'305'7' ,'4573'52# 5' 45--58' 3056' 3.' 8'23'1-:'20' 453>551' 0'2' 75(2.12' (18' 0'2' <.1<,:2'.12$P' N' -7(1358' 305'7' E53'3'.1' (2' 30625,I52' 0(8' 253' '3' 8.>1$P' (18' 852'758' 30(3' N' 6'23(?'1-' 6'-03' 1.' 6.75' 0'1857' 305'7' 4:2'1522#P

] '30' >0'<0' (12>57' 305' .:25' 45'1-' >5,,K2(3'2;'58$ E7.<55858' 3.' 305'7' 4:2'1522' >'30.:3';:73057' 85,(9#

L#

05' 6522(-5' (18' 2E55<0' >0'<0' 0(8' -'I51' 7'25' 3.' (,,' 30525' 8.:432' (18' 5GE,(1(3'.12' >575' 305' 6.75' :1,:<?9$ 45<(:25' (1' (<<'851' 0(8' Q:23' 0(EE5158' >0'<0' 351858' 3.' 47'1-' 305' '1-' (18' 305' .66.12'

f # #$ F (9$ E# HF/#

20. :,8 <. 65 E75E(758 3.' 854(35 (:8 (7-:5#*' 0'<0$ '3 25562$ >(2 (-7558 3.$ (18 305 .66.12 45-(1 ;.730>'30 3.' E75E(75 30562 5,I52# 0(3 305 2:4Q5<3 .;' 8'2<:22'.1 >(2 3.' 45 305 <.137(<3 >0'<0 0(8 [4551 :1857 8'2<:22'.1 45;.75$ (18 30(3 6.75 ;(I.:7(4,5 35762 >575 1.>' !3.' 45 .;;5758$ (EE5(72 8'23'1<3,9 ;7.6' 305 1.35 '1' 305 .782 .:71(,2 .;' >0(3 305 .78 75(2:757 >(2 3.' 2(9 3.' 305 .66'33552#^' 0(3 '1' '12'23'1-' 2.' 5(71523,9 30(3 305 .1;5751<5 20.:,8 45 N ;755 P (18 3,'5 .66'33552 (:30.7'258 3.' D '@:523'.12$ 305'7 6.3'I5 >(2 3.' 2(I5 3'65 (18 -53 305 3576 2 2533,58 45;.75 305 <(25 .;'305 6E.J 2'3'.12 <.:,8 <.65 .1$ '1;57 ;7.6' 305 8(352# 18 305 4:2'1522 6'-03 1.' 8.:43 0(I5 4551 852E(3<058 @:'<?57 '1' 30(3 >(9# :3 305 .66.12 ?15>' >5,,'51.:-0 >0'<0 E(739 <.:,8 ,5(23 (;;.78 3.' >('3$ (18 3059 >575 1.3 3.' 45 0:77'58# ;' 3,'5'7 .66'33552 >575 3.' 85J 4(35 305 3576 2 .;' 305 <.137(<3$ 3059 6:23 0(I5 305'7 '1237:<3'.12 45;.750(18 (:8 '1237:<3'.12 75@:'758 3'65# 0(3 305 2(65 3'65 2571158 3.' <.,,5<3 305 75<.782 <.1<571'1-' 6E.2'3'.12$ >(2 (1' (<<'8513 1.' >(9 '1<.1I51'513 3.' ' :3 3.' (,'24:79$ ';' ' (6 7'-03 '1' 2:EE.2'1-' 30(3 0'2 .4Q5<3 >(2 3.' -53 305'<.137(<3 <.1<,:858 45;.75 305 .3057 8';;'<:,39 <(65 .1$ '3 3075(35158 3.' 2E.','0'2 >0.,5 -(65# 1,522 05 <.:,8 0:779 305 E75E(7(3,.:2 ;.7 305 .1;5751<5$:EE.73 (:8 6E.2'3'.12 >.:,8 -.' 3.-53057 (;357 (,,# <<.78'1-,9 >051 15(7,9 (' ;.731'-03 0(8 E(2258 >'30.:3 47'1-'1-' (19 15>2 .;' 305'7 E7.-7522$ (1.3057 6522(-5 >(2 2513 3.' 756'18 3056 .;' 305 3'65 .;' 305 95(7$ (18 5GE7522 (' 0.E5 30(3 N (,,' E7.37(<3'.1$ '1' 30'2 2.' -75(3 (18 15<522(79 (' 4:2'1522$ 6'-03 45 (I.'858#=* 18 >051 75E,9 <(65 N 30(3 3059 >575 E75E(7'1-' ;.7 305 6(33572 '1' @:523'.11 30(3 30575'1' 3059 0(8 2,(<?58 1.' 3'65 (:8 2.' 2..1 (2 3059 >575 E75E(758 305 .782 20.:,8 05(7 ;:73057 ;7.6' 3056 (,'24:79 25562 3.' 0(I5 ;5,3 30(3 05 20.:,8 ,.25 (3 30(3 -(65 (18 30575:E.1 2:8851,9 <0(1-58 0'2 3(<3'<21 (18 37'58 3.' -53 (3 0'2 6('1 518 \>0'<0 >(2 6.159 3.' -.' .1 >'30 \ 49 (' 15(757 >(9# 05 (12>57 3.' 305 ,(23 6522(-5 :7-'1-' 5GE58'3'.1 >(2 75<5'I58 .1 7'8(9 305 30 .;' :15# 1 .18(9 305 R,30 (1.3057 >(2 2513$ 852'7'1-' (1' 6658'(35 .1;5751<5 A>'30 305 2(65 .66'33552 >0.' 0(8 4551 56E,.958 45;.75 N 3.:<0J '1-' 2.65 30'1-2 >0'<0 >575 3.' 45 '6E(7358 3.' 3056 49 0'2 (Q5239=2 ,:35 <.66(18651 3#P* .' 30'2 3059 (2251358 (3 .1<5$ >'30.:3 (19 756 (7?1 (18 305 .1J ;5751<5 >(2 3.' 3(?5 E,(<5 305 2(65 (;3571..1# :3 305 20.73 '13571(,' >(2 E(2258 '1' (1G'.:2 <.12:,3(3'.1 :E.1 (' E.'13 .;';.76$ >0'<0$ (2 ',,:237(3'1-' 305 356E57 .;' 305 .:25 (18 305 >(79 8'23(1<5 (3 >0'<0 3059 05,8 305'7 0.1.:7$ >.:,8 45 >.730 1.3'<5$ 5151 ';' (<.1 0(8 1.3

Q ' ' ' ' ' ' / L

0(I5' 4551' (13'<'E(358# ' 6.3'.1' ;.7' (' -7(13' .;' 3>.' 2:42'8'52' >(2' 854(358' ;.7' 3>.' 8(92$ (18' (;357' 25157(,' (6518665132' (18' ;7520' E7.J E.2'3'.12' (18' <.1<','(3.79' 6522(-52' ;7.6' 305' '1-$ 51858' (3',(23' '1' 305' E.23E.15665133' 49' -5157(,' <.12513' .;' 305' >0.,5' @:523'.1# N' ' 6522(-5' 3.' 0'2' (Q5239$' 49' 7# 0(1<5,,.7$ (18' 30(3' >5' >',',(9' (,,' .3057' 4:2'1522' (2'85' (18' 5185(I.:7' >'30'1' (' 20.73' 3'65' 3.' -'I5' 0'2' R (Q5239' 2(3'2;(<3'.1' P' >(2' E7.E.258' (3',(23' 49' '7' 8>'1' (1892$ (18' N(2251358' :13.' 49' 305' I.'<5' .;' 305' .:25#P' .' >0'<0' 305' '1-' 75E,'58' 30(3' 05' 8'8' 1.3' N' 6'2Q:8-5' 305' E7.<558'1-2'.;' 305' .:25' '1' 1.3' -'I'1-' 0'6' (' 2:42'89$ (18' >(2' '18';;5751' >053057' (19' .3057' 6.3'.1' >575' 6(85' <.1<571'1-' (19' 2:EE,9$ 3',,' 3059' 20.:,8' 75<5'I5' (' ;:,,' (12>57' 3.' 305'7' -7'5I(1<52#P! 0(3' 45335' <.:,8' 0(I5' 4551' 5GJ E5<358' j 05' <.66.1' 25125' .;' 305' .:25' 3.,8' 3056$ (18' 5(<0' 2:<J <522'I5' 6.I5' .;' 305' -.I5716513' <.1;'7658' 305' '6E7522'.1$ 30(3' '1' 75,'5I'1-' 305' '1-';7.6' 0'2' .>1' >(132' 3059' >.:,8' 75,'5I5' 0'6' ;7.6' 305' 15<522'39' .;' <.12'857'1-' 305'72# (<.1' 2556 2' 3.' 0(I5' ;5,3' 30(3' 05' 0(8' 1.' -7.:18' 3.' >.7?' :E.1# 1' 305' 3>.' 8(92= 854(35' >0'<0' ;.,,.>58' 0'2' 75E.73$ 305' .1,9' 75<.78' >0'<0' 756('12' .;' >0(3' 05' 2('8' '2' 30'2' 1.35'W ;7.6' >0'<0' ' <(1' .1,9' -(3057' 30(3' 05' 2E.?5' '1' ;(I.:7' .;' 2:EE,9#

' F ' % ' ' >',' 1.3' 4,(23' 305' (;;5<3'.12' .;' 30'2' .:25' >'30' 5,(4.7(35' 2E55<0# \ 75(3' 0.E5' '1' 305' 05(73# E.1' 30(3' 3.' E7.<558#*

05' ;(',:75' .;' 30'2' ,(23' (3356E3' 3.' .43('1' (' E75251' 2:EE,9' ,5;3' 6(33572' >0575' 3059' >575# 05' .66.12' 0(8' 4551' -.'1-' .1' >W'30' 305'7' E75E(7(3'.12' ;.7' 305' N';755' .1;5751<5' P' <.1<571'1-' 51:752' 3.' >0'<0' 3059' 0(8' 4551' '1I'358' 49' 305' .782$ (2' >5,,' (2' >'30' 305' 25(7<0' ;.7' 75<.782' 3.:<0'1-' 6E.2'3'.12$ (18' >575' 1.>' 75(89' 3.' 85(,' >'30' 4.30' @:523'.12# 1' 305' / 30' .;' # :15' 3059' .E5158' <.6J 6:1'<(3'.12' >'30' 305' .782$ >0'<0' 752:,358' '1' (' <.1;5751<5' .1' 305' 30' (:8' .1' 305' F78' 3059' 45-(1' 3.' 854(35$ '1' <.66'3355' .;' 305' >0.,5' .:25$ 305' -75(3' @:523'.1$ N' >053057' 305' '1-' 0(I5'E.>57' 3.' 253' '6E.2'3'.12' :E.1' 657<0(18'252' >'30.:3' (2251' .;' (7,'(6513#P' 05' 854(35' (EE5(72' 3.' 0(I5' .<<:E'58';'I5'8(92 \ 305' F78$ C30$ 30$ (18' L30' .;' :15$ (18' 305' 18' .;' :,9' W .1' .15' .;' >0'<0' 8(92 \ E7.J 4(4,9' 305' C30 \ (<.1' 6(85' (' -75(3' 2E55<0' '1' 85;51<5' .;' 305' '1-=2 7'-03#

;' 30'2' 05' 6:23' (3' .15' 3'65' 0(I5' 65(13' 3.' E75257I5' (' ;:,,' 75E.73$

f2' #$ 8' "× R' # #$ /H' :1.$ E# HFL# (7'# .4# /B/ $ E# $

<

05 23(35 . ; 305 #@:523'.1 45'1- 30:2 <,5(758 (18 ;7558$ 69 E7.E.2'3'.1 '2$ 30(3 305# '1- 49 305 ;:18(6513(, ,(>2 .; 30'2 ?'1-8.6 0(30 (' E.>57 3E '6E.25 :E.1 657<0(18'25 (18 <.6J 6.8'3'52 4.30 1(3'I5 (18 ;.75'-1# 1 69 E7..; .; 30'2 E7.E.K 2'3'. ,R(,, 30(3 2 (,, 2(9$ 45 '3 3.<.1;'76 .7<.1;:35$ >',, 87(> '13.<573('1 8'23'1<3 05(82 .7 <.12'857(3'.12$ >0'<0 6.I5 65 (18 6(9 6.I5 9.:#

05 ;'723$ '2 (1 :1'I572(, 15-(3'I5# 0575 (EE5(7530 1.3 '1 (19 .; 305 '1-=2 <.:732 (19 .15 75<.78$ >0575'1 (1 '6E.2'3'.1 ,('8 (3 305 E.732 0(30 4551 .I57307.>1 49 Q:8-6513 1(9 6.75$ >0575 '3 0(30 4551 @:523'.158 49 E,5(8'1-# 0'2 E,5($ % . . 7 , % % .: * ;) % * , D % ; '2 (352 >(2 305 ;'723 6(1 D A;.7 (1930'1- 30(3 (EE5(7530D 3,'(3 6'1'235758 30(3 E,5(# 0575:E.1 .;'57 30'2 3.<.12'857(3'.1# 05 '1-=2 (<32 30(3 -7'5I5 305 2:4Q5<3 (75 5'3057 (-('123 ,(> (18 2. I.'8$ .7 (<<.78'1- 3.237'<31522 .; ,(> (18 953 -7'5I.:21 (18 (<<.78'1- 3.30525 25I57(, 1(3:'R52 .; -7'5I(1<5 30575 45 25I57(, 75658'52# 5 3059 (-('123 ,(> j I57307.> 3056 49 Q:8-6513# 5 3059 3..237('3 (18 5G375 65$ 30.:-0 ,5-(, j 7.J E.:18 3056 '1 (7,'(6513# .7(26:<0 3051 (2 '6E.2'3'.12 (3 305 E.732$ 0(I'1- 4551 2.; .;351 ,('8$ >575 15I57 47.:-03 '13.305 '1-=2 <.:732 .; Q:23'<5 4:3 23',, 47.:-03 3. (7,'(6513$ 6(9 6.23 <573('1,9 <.1<,:85 30(3 3059 >575 <.1<5'I58 1.3 3. 45 (-('123 ,(># 18 ';' (19 6(1 20(,, 30'1?'30(3 '3 >(2 3..KO'-0 ('E.'13 3.@:523'.1 49 ,(> 45;.75 305 :8-52$ .7 30(3 30575 20.:,8 >(13 ;.73'3:85 '1 3056 3. ('8 305 2:4Q5<3 1.$ '3 20(,, (EE5(7 ;7.6 3'65 3. 3'65 '1 <(252 .;' 5@:(, 75(<0$ >0575 305 '1-=2 (<32 0(I5 4551 '18558 (-('123 ,(>$ 305 <.:725 .; ,(> 0(30 7:1$ (18 3 5 :8-52 0(I5 >.730',9 8.15 305'7 8:39#

/ ' #H# /F' ',#' H#

2 '1 305 <(25 .; (1 '6E.2'3'.1 :E.1 ,'151 <,.30 ;.7 305 (,K 1(-5 .I57307.>1 49 Q:8-6513#

H ' 22'2#

05 <(25 .; (<.66'22'.1 .; (77523 (18 <.66'33'1- .; 2:4Q5<32 :E.1 5G(6'1(3'.1 >'30.:3 <.1I'<3'.1 49 Q:79$ 8'2(,,.>58 49 305 :8-52#

',),'M# 57.---=2

<.66'22'.1 3. 85357 6'15 305 7'-03 .; 305 5G'-51357=2 E,(<5$ % % ,' 8'2(,,.>58 49 305 Q:8-52#

S' ' +(

05 <(25 .; 305 6.1.E.,9 .; <(782$ .I57307.>1 (18 <.1856158 49 Q:8-6513#

X / $, , # + & 9' = /LFK

6'-03 6(?5 65:3'.1E;305Q:7'28'<3'.1K.;2.65<.:732.;8'2<753'.1$ >0575'1305 :8-52'8'8 1.385<,'153.'-I5.E'1'.1# 0575;.75 0(8 30'2 4551 (-('':23 ,(>30575 >.:,8 1.3 0(I5 4551 '1 305 '1-=2 <.:732# ;305 <.137(79 Q:8-65132 >',, 1.3 9533E5(?T 30:2 6:<0 1.>$ 30(3 30575'2 1.Q:8-6513$ 1.1.7E,5($(-('123'3# 0.:-0$K0 2('8 1.6E75$ '3 >R<75 51.:-0 '1 69.E'1'.1 3.'18:<59.:3.'(',3.' ,5(I5'3('8.:43#

05 25<.18<.12'857(3'.1'2305;.7<5(18<.13'1:(1<5.;E(9J 65132 6(85 49-7(132.;657<0(132$ 4.30237(1-572(18 1-,'20$ >R'30.:3<.12513.;(7,'(6513# 575'1 ,(9 30'2-7.:18$ 30(3 2:<0-'=(132<.12'85758 '1 305625,I52(75 I.'8'1,(>W;.7 657J <0(132$ 5'3057 237(1-572.7 2:4Q5<32$ 3059(75 1.'4.89<.7E.7(35$ 4:3 2'1-:,(7(18 8'2E57258 E572.12 3059<(11.3 4'18 2:<<522'.1$ 15'3057<(1 305 6(Q.7E(73 4'18 305 752'8:5W 0.>3,'51'20.:,8 305'7-7(132 0(I5;.7<5j .305 7>'25 4:3 30:2W 30(3 305 '1-=2 E.>57.;''6E.2'1-'>(2.1,9 305,5-(,'I'73:5(18 23751-30 .;30.25-7(1321(18 30(3 305 <.12513.;('657<0(13'2'4:3('<.1<:7751<5$ 305 '1-'2 % ;(18 3059(75 4:3(2 3,'5E(3'513$ (18 2.''3 45<.652('4'18'1-'(<3'.:3.;305 '1-=2 E.>57#

.>''; (19 6(1 8.:43 30(3 2:<0-7(132.;657<0(132 20.:,8 1.3 45.;;.7<5$ >',, (,,5-5 4:3 3>.'656.7(4,5 75<.782 305 .15;.7 305 657<0(132 237(1-572$ 305 .3057;.7 305 657<0(132 1-,'20# 0(3;.7 305 237(1-572'2:E.1 305-7(13.;% ,) F/ 8# /# % ,'.;30755 E51<5 '1 I(,:5 % >0'<0 0(73# -7(13 '2 1 :25 0(18 E7(<3'<5(3 30'2 8(9# 0 .7'3'2>5,,'?1.>1 0 1 -0 2 3.' 305 657<0(132$ 30(3 30(3 >0'<0 3059<(,,237(1-57=2<:23.6$ (18 577.15.:2,9 8.:4,5<:23.6$ '2 4:3 30755$ E51<5 '1 305 E.:18 6.75 30(1 1-,'20# .>',..?'13.' 305 23(3:352.;2:42'89.;3.11(-5(18 E.:18(-5$ (18 9.:20(,,;'18 A(;5>6 57<0(18'25 .1,9 5G<5E358 305 E.:18(-5 5@:(,:E.1(,'51(18 2:4Q5<3 2.' 30(3 30'2 8';,5751<5.7 5G<522.;30755 E51<5 0(30 1.'.3057-7.:18 30(1 30(3-7(13# 3;(,,530 3.' 45 305 2(65'1@:(13'39$ 30575'2 1.'23(3:35';.7'3$ (18 30575;.75'3<(1 0(I5 1.' 23751-30 4:3;7.6 305 657<0(132-7(1321(18 305 657<0(132-7(132<(1 0(I5 1.' 23751-30 4:3;7.6 305 '1-=2 E.>57 3.''6E.25#

.7 305 657<0(132 1-,'20$ 3(?5 305 1.3(4,5 75<.78 '1 /C /C 8# # # # >0575 305 <.66.12 <.6E,('158 .;' 305 ;.739 20',,'1-2

[:E.1'305'2(<?' .;'>..;'(2'('6(,K3.,'253'49'305'(22513'.;'305'657J <0(132'X>'30.:3'<.12513'.;' (7,'(6513'1(9$'3059'8'2E:35'(18' 2(9'3'>575'0(78'30(3'305'657<0(132±<.12513'20.:,8'45''1'8(6(-5' .;'305'<.66.12# 0(3'2('30'305' '1-'3.'3056'j' 8.30'05'-7(13' '3' .7Q -'I5'>(9'3.'3j' .'4:3'75E,'52':E.1'3056'(18'2('30$'3' <(11.3'45'7'-03,9'<.1237:58'3.'45''1'E75Q:8'<5'.;'b305a'<.66.12$' 305'7(3057'45<(:25'E7.I'2'.1'>(2'6(85'30(3'305'657<0(132'20.:,8' 1.3'>.7?':E.1'3056'49'<.,.:7'.;'30(3'E(9651353.'1<75(25'305'7' E7'<5T' '1' 30(3'30575'>(2'('E7'<5' <573('1'253':E.1'305'>..,2T' (18'30575'>(2'(1'518'.;'30(3'6(3357T'>0'<0'E,('1,9'(;''7653 0' 305';.7<5'.;'305'657<0(132±-7(132# .'3051'305';.7<5'.;'305' -7(132'.;'657<0(132'4.30' 1-,'20'(18'237(1-572'(EE5(7<30$'(18' 305'7'-7(132'45'1-'1.3'<.7E.7(35'(75'4:3'1.:1'(8Q5<3'I52'>'30.:3' 305' '1-=2'E.>57'3.''6E.25#

05'30'78'<.12'857(3'.1''2'.;'305';'723'(18'6.23'(1<'513'<.6J 651<56513'.;'<:23.621T>0575'1' '(6'2.65>0(3'3.'255?T;.7' (2'305'E.53'2('30' 0 ' ;' '% ' ' D '% ;' 305'45-'11'1-'.;'3''2'.42<:75T4:3' '7(3057'<.1<5'I5'30(3''3''2' 49'<.66.1',(>#30(1'49'-7(13''1' (7,'(6513# .7';'723' 7# '57=2'.E'1'.1'>(2'30(3'305'(1<'513'<:23.6';.7'5GE.73(3'.1'>(2' 49'305'<.66.1',(>21T(18'-.530';:7857$'30(3'30(3'(1<'513'<:2J 3.6'>(2'305'<:23.6':E.1'>..,2$'>..,;5,,2$'(18',5(3057# 5'>(2' 85<5'I58'1'305'E(73'<:,(7$'(18'305'8','-51<5'.;'9.:7'25(7<0'0(30' 75I5(,58''3T';.7'30(3'<:23.6':E.1'30.25'30755'657<0(18'252' -75>'49'-7(13'.;' (7,'(6513'F' # #T'4:3'305'.E'1'.1''1'-5157(,' R(2 2.:18T;.7'30575'>(2'('<:23.6'45;.75'30(3W;.7'305'75<.782' 3056 25,I52'>0'<0'2E5(?'.;'30(3'<:23.6'8.'3576''3'('15>'<:23.6$' 7 ' ' * ' % ;' (2'<.1<571'1-'305'15>'<:23.6' -7(1358$53<#W30'2''2'E75-1(13$'30575'>(2'953'('6.75'(1<'513# .' ;.7'305'237(1-572$'305'-7(13''1'F/' # # % ,' % '2'30(3' 305'30755'E51<5'-7(1358'49'305'237(1-572'20.:,8'45' ' % ;'>0'<0'0(30'1.'(;;'1'39'>'30'30(3'<:23.6':E.1'305'30755' 2E5<'52$'4:3'E752:EE.2530'6.75'(1<'513'<:23.62'1'-5157(,# .>' ';'(19'6(1'30'1?'30(3'30.25'6.75'(1<'513'<:23.62'>575',?5>'25' 49'<3'.;'(7,'(6513$''3''2'#4:3'('<.1Q5<3:75'W''3''2'15I57'75<'358' ?:' ' % ' % % ,'n47'<32'.;'(7,'(6513' >575'1.3'6:<0'23'77'1-'45;.75'305'-75(3'<0(7357$'>0'<0'>(2'L' # # 18'30575;.75' '<.1<5'I5'>'30' '.7$30(3'>0(32.5I57' >(2'305'(1<'513'<:23.6'>(2'49'305'<.66.1',(>#18';'49'305

. 6 53' 6 52 3,'5 '1-$A''23'1-:'2,'530 .;75(2.1(4,5 (18 1.3 75(J
2.1(4,5$ (2 F # #
[. 6 53' 6 52 05 (4.,'20534 305 6 '1 E(73$ (18 ,533530 305 6 23(18
'1 E(73$ (2 //# # 305 75<.78 .;305 # ,(18 /H #
305 E7'1358 23(3:35 >0575.; 20(,,2E5(? 6.75 (1.1#
. 6 53' 6 52 30(3 E. '6E.2'3'.1 20(,, 45 253 8:'=1- 305 3' 6 5
30(3 305 -7(132 6(85 .;2:42'8;52 49 (7,'(6 513 20(,,<.1J
3'1:5$ (2 HC # #
. 6 53' 6 52 30(3 3059 20(,,<5(25 * 18
2. 6 53' 6 52 30(3 3059 20(,, 0.,8 .I57 305'7 357 6 E75;'G58 .7
(2259258#
,, >0'<0 205>530 30(3 305 '1- 8'8 1.3 8'2<,('6 305 6 (2
:1,(>;:,$;.7 7% ! % '%
';'3 0(8 4551 (8'2(;;'76(1<5 49 ,(> 3059 6:23 0(I5 -.15 8.>1
;4:3 1.> 9.: 255 3059 0(I5 4551 356 E5758 (18 @:(,';'58
(2 305 '1-2(><.1I51'513#

05 ;';30 <.12'857(3'.1 '2 .;30(3 >0'<0 '2 .;;5758 49 >(9 .;
.405<3'.1 >0'<0 '2$;'723 30(3 2:<0 -7(132 0(I5 4551 :2:(,,9
6(85 49 <.12513 .; (7,'(6513 (18 25<.18,9 30(3 305 23(3:352
.;2:42'8'52 .; .11(-5 (18 .:18(-5 0(I5 4551 6(85 (2 (?'18
.;23'13 (18 ,'6'3(3'.1$ 30(3 305 '1-20.:,8 0.,8 0'6 25,;:13.
305 E7.E.73'.1 2.-7(1358 (18 1.3 '6E.25;:73057 305 7(3057
45<(:25 '3 '2 5GE752258 '1 2.65 .;30525 23(3:352 .; .11(-5 (18
.:18(-5$ 2.653'652 49 >(9 .; E7.3523(3'.1 (18 2.653'652 49
>(9 .; <.18'3'.1$ 30(3 3059 20(,, 1.3 45 3(?51 '1 E75<58513$ .7
30(3 305 '1-20(,,'1.3 '6E.25 (19 ;:73057 7(352 .7 1.I5,3'52$ (2
B # $//# L # # /F # # > 0'<0 2:42'8'52 .; .11(-5
(18 .:18(-5 0(I5 2:<0 <,(:252 (18 <(:3'.12#
.30'2 .405<3'.1 -'I5 34'2 (12>57# '723 30(3 '3 '2 1.3
237(1-5 >'30 ?'1-2$;.7 305'7 .>1 453357 23751-30 (18 305 453357
<.13513651 3 .; 305'7 E5.E,5$ 3. 8.30.25 30'1-2 49 (7,'(6513$
>0'<0 15I57305,522 0(I5 E57;5<3'.1 51.:-0 >'30.:3 (7,'(6513#
5 255 305'7 .>1 7'-032 3. 305 <7.>1 >0'<0 (75 '1057513$ 953
3059 3(?5 75<.-1'3'.1 .; 305 6 49 (7,'(6513# 18 30575 >(2 (
2E5<'(,75(2.1 >09 3059 20.:,8 8. '3 '1 30'2 <(25$;.7 3059 0(8
;.:18 49 5GE57'51<5 30(3 ';305 0(8 1.3 <.12513 '1 (7,'(6513
3. 305 2533'1- .; 305 6 :E$ 3059 <.:,8 1.3 0(I5 (I.'858 2:'3 '1
(7,'(6513 ;.7 305 3(?'1- .; 305 6 8.>1# 52'852 30575 >575

#a ' ' ' (= ' ' ' # R/L*C

2.65 30'1-2 75@:'2'35 '1 305 6(1157.;305 ,519;.7 305 45335723751-3051'1-.;305 2(65$ >0'<0 E57<(25<.:,8 (.3 45 8.15 >'30.:3 (7,'(6513 (2 305 3(?'1-305.(30.;305 E(739 3.:<0'1-305 I(,:5$ 305 '1I'3'1-.;305 8'2<.I579.;<.1<5(,6513.;5:23.6 49-'I'1-305 6.'539 3.305 '1;.7657$ (18 305,'?5#

.> '1 2E5<'(,';.7 305 23(3:352.;2:42'8'52.;.11(-5(18 .:18(-5$ 1.35 30755 30'1-2# '723 30(3 3,,B <.12'857(3'.1.;305 -7(13 '2 1.3,('8 3.45;.7 305 75237('1'1-.;''6E.2'3'.12 4:3 5GE7522,9;.7 305 -:(78'1-.;305 25(# 5<.18,9 30(3 '3 '2 37:5 30(3 305 (1<'513;.76 '2 6.75 E5756E3.79$ (18 305 6.8571 6.75 2:46'221 ;.7 '1 305 (1<'513;.76 2.653'652 3059 '12573(';,(3 <.18'3'.1 30(3 305 '1-20(,,1.3;:73057''6E.25 '1 305,(3357 3059 0:64,9 E7(9 30(3 305 657<0(132 6(9 45 8565(158 >'30.:3 .EE7522'.1$ E(9'1- 30.25 7(352 4:3 >053057''3 45 2:EE,'<(3'.1 .7 >053057 '3 45 <.18'3'.1$ '3 7(3057''6E,'530 305 '1-0(30('E.>57 ;.7 5,25 4.30 >575 1558,522$;.7 % % D D _ ,(18 305 >.78 .EE7522'.1 2556530 3.75;57 3. 5G<522'I5''6E.2'3'.12# 18 30'78,9$ 30(3 305 23(3:352.;.11(-5 (18 .:18(-5(75 4:3 % *'(18 1.3 * *';305 '1-=2 E.>57 E'-5<58513$ (EE5(7530 1.3(4,9 '1 305 30755 E51<5.I57E,:2$ >0'<0 '2 E('8 49 305 657<0(132 237(1-572 >0'<0 20.:,8 45 3(?51 (>(9 @:'35$ ';'30.25 23(3:352 >575 3(?51 3. 45 ,'6 3(3'.12 ;.7 '1 30(3$ (2 >(2 3.:<058 45;.75$ 305 7(352 (75 5@:(,'1 305 -5157(,'39 453>551 2:4Q5<32 (18 237(1-572$ (18 953 30(3 '6E.2'3'.1$ 1.3J >'3023(18'1-(19 2:EE.258 75237'<3'.1#.;30525(<32.;:42'8'52 .; .11(-5(18 .:18(-5$ 756('1530 (3 30'2 8(9#

05 2'G30 <.12'857(3'.1 '2,'?5>'25.;(1.4Q5<3'.1 >0'<0 '2 6(3357.;E7(<3'<5# 'M# 30(3 ;7.6 # #=2 3'65 3. %# (79$ >0'<0 '2 (,6.23 95(72$ 30575 >(2 (1 '13576'22'.1.;'6E.J 2'3'.12$ (2 (EE5(7530 4.30 49 75<.782 (18 305 <:23.6K4..?2#

.>0'<0 (12>57 4.30 30(3 >5 0(I5 '1 5;,5<3 (1 5@:(,' 1:6457.;95(72 3.<.:1357I(',3056$ 1(65,9$ / 95@72 '1 305 3'652.;305 30755?'1-2 8>(782$ (8858 3.B .;.:7,(23 95(72 (18 4 D ;.7 >5 0(I5 4.30 305 75I5751<5.;(13'@:'39 (18 305 E.22522'.1.;305 E752513 3'652$ (18 3059 4:3 305 6'88,5 3'652 (18 452'852$ '1 (,,37:5Q:8-6513 30575 '2 (I579 -75(3 8'';5751<5 453>551 (1 :2(-5 3. E7.I5 ('30'1-,(>;:,$ (18 (1.1K:2(-5 3. E7.I5 '3 :1,(>;:,# .7 305 E7(<3'<5 E,('1,9 '6E,'530 <.12513 4:3 305 8'2<.13'':'(:<5 6(9 45 5'3057 45<(:25

<> <2 22 3 < ;2 " ; ; 1 " R + $H

'3 >(2 1.3 1558;:,30.E-0,(>;:,$ .7 45<(:25 30575 >(2 ;.:18 (
45335765(12$ (2 30'1?'3 >(2'18558 '1 752E5<3 .; 305 8.:4,5
<:23.62 49 65(12 .; 305 23(E,5 (3 (,('2#

578 305 6(1:2<7'E3 5182$ 4:3 >'30.:3 (19 (EE5(7(1<5 .; 45'1-
;'1'2058# ; 305 7523 >5 ?1.> 1.30'1- 459.18 >0(3 6(9 45 -(J
305758 ;7.6 305 ;.,,.>'1- 1.352 >0'<0 2556 0.>5157 3. 0(15 4551
3(?51 8.>1 49 (1 5(7 >'31522$ (18 ';3(?51 (2 <(75;:,,9 (2 305 1.352
49 305 2(65 0(18 .; 305 E(73 >0'<0 >5 0(15Q:23 75(8$ 6(9 45 37:2358
(2 -'I'1- 305 05(82 .; 305 (7-:6513 (18 ,(>9572 6(9 E570(E2 K45
(4,5 3. 2:EE,9 305 <.115G'.1#

MD . 6513'.1 .; 0'2 E.>57 '1 % * N ,7(<3.1$
793.1$ .7 .3057 (:30.72#
" # - 05 '1- 0(30 6(19 E757.-(3'I52 1.3
6513'.158 '1 30(3 23(3:35#
" D % \ ;75@:513 '1 >7'3572#
0 \ 7(75 3. 45 ;.:18#
MD 1 (2E572'.1 87(>1 ;7.6 305 E7.<558'1-2 (-('123 305
.78 (3'657#
5 7(12(<?58 305 E5.E,5 3..?'1357523 .; 305 '1- ;.7
4'2 .>1 6.159# 059 8'8 30'2 .; 305'7 .>1 (:30.7'39$ (18 1.
251351<5 (-('123 9.12 3',; 305 '1- 0(8 8'2(I.>58 0'6#
MD 05 '1-2 E.>57 '2 75237('158 49 <32 .; (7,'(6513#
0.25 23(3:352 .; 1(3:752#
/# 0(3 305 '1- 20(,, 1.3 '6E.25#
05 25<.18 2.73 6(?5 .E51 37(85#
0.25 30(3 45 5GE7522,9 75237'<3'I5W \ (-1W OW 8#
C# 305 6(,5 3.,; .; 305 >..,2 .; H 2# E57 E(<? (18 2:<0 .3057
20.:,8 45 1. 6.75 3(?51$ 4:3 305 B30 <0(E357 5G35182 3. 3(G52
(18 3(,,(-52# 1,9 >'30'1 ,(18#
..,; .7 2:<0 30'1-2$; >..,;5,,2 (18 ,5(3057$ (18 1. .3057
30'1-2 E7.35<358 49 /H # F <(E# /$ 6(85:E.1 ('E53'3'.1 >0'<0
>(2 6(85 .; 30'1-2 >R..,2$;5,,2$,5(3057$ K,5(8$ 3'1#
05 '1- -7(132 6'3'-(3'.1 ;.7 305 F \ >..,$;5,,2$ (18 ,5(3057
4:3 ;.7 ,5(8 (18 3'1 05 >.:,8 1.3 05(7 .; '3#
.H # F$ H$ 5 //# $ <(E# L# 05 '1- 4'182 0'2 E.>57 3.
'6E.25 .1,9 :E.1 30.25 30755 <.66.8'3'52# .30525 23(3:352
(EE,9 305 >.782 N 2:<0 30'1-2 P 3. 30.25 30755 30'1-2#

#d = / #

05 23(3:352 .;;755 37(85 6(?5 1.30'1-# / # F <(E# 2(92 23(3:352 .;
3 3575 20(,, 45 ;755 37(851 4''3 30(3 '2 (<<.78'1-3.305 23(3:35=.;**%^^
/H # F <(E# $ (18 305 >.782 .;30(3 ,(> >(2$ E(9'1-305 2:42'J
8'52 (18 <:23.62 (18 .3057 75(2.1(4,5 E7.;'32# 5(2.1(4,5$
1.3 <573('1$ 4:3 (74'37(79 (18 :1<573('1 >0'<0 6:23 15582
45 65(13 .;'6E.2'3'.12#

(19 (:30.7'3'52 30(3 '1-2 20(,, 1.3 05 4.:18 49 -5157(, 5157(,
>.782$ (62.1 1.3 3. 05 4.:18 49 <.4>542 4:3 49 <.782$ >.782#
.78 (7?,59=2 <(25 305 '1- 4.:18 3. -'I5 (1 (88'3'.1$ 45J
<(:25 '18'<3651323 '2 1(658#
L # F$ # F$ # $ # HT (,, 23(3:352 .; .E51 37(85
8'75<3,9 ,5I'58!3. 305 '137:2'.12 .;<.7E.7(3'.12 1.33. 45 5GJ
351858 3. 305 '1-=2 E.>57$;.7 30(3 >575 30(1 305
,(>K6(?572 '1351858#
M 05 '1- 6(9 1.3 '6E.25 4:3 :E.1 (75237('13 49 (7J
,'(6513#
051 '3 ;.,,.>2 30(3 ';' 305 '1- 0(I5 E.>57 3. 75237('1
>'30.:3 (<3 .; (7,'(6513$ 05 6(9 '6E.25 8:7'1- 305 75237('13#
18 30(3 05 6(9 75237('1 E7.I58 49 305 H 6513'.158 49 7#
.152#
6E.2'3'.1 .;>'152 8:7'1- (75237('13 49 (7,'(6513# .
Q:8-6513 3. .I57307.> 305 '1-=2 E.>57$ 4:3 .1 305 .3057 2'85#
/# ,'M# 05 '6E.2'3'.1 .;<,.30 05,8 -..8 45<(:25 '3 2:<J
<55858 >..,# :3 305 Q:8-52 6(?52 :. 6513'.1 .; 30(3
75(2.1# :3 305'7 75(2.1 >(2 45<(:25 305 '1- 6'-03 75237('1
305 E572.1# 5 0(30 % * *
. 8';;5751<5 453>551 305 E572.1 (18 305 -..82\ % * @ ' ,, 9.:;.7<5 0'6 3. 37(85 49 ;(<3.7j
25<.18 Q:8-6513$ / ,'M# 57691 9(,,$ (:3<06(1$
>0. 0(8 (,'<51<5 /f (79 3. 37(85$ 1.3>'3023(18'1- (19 75237('13
.7 E7.<,(6(3'.1 6(85 .7 3. 45 6(85# 5 E,5(858 0'2 ,'<51<5$
(18 2. '3 >(2 (8Q:8-58 (-('123 305 %:551# b :3 305 6(3357 >(2
Q:8-58 ;.7 305 %:551^a#
F# '7 .# 6'30=2 <(25# 6E.2'3'.1 .; (,,:7($ F^ H! E57
?913(,,# :8-6513 <.:,8 1.3 45 -'I51 (-('123 6930$ ';' 305
'6E.2'3'.1 0(8 1.3 4551 ,(>;:,#
$ (352= <(25#

/ '<# @:# ,.I< <8 j 7(258K

' Q:8-6 5132' 49' >(9' .;' (8 6 '33(1<5$' (18' /' 5GE7522,9' '1' 305' E.'13#

2' ' ' ' D ,' 2.' 15>' Q:8-6 5132' (I.'8' 305' ;.7 6 57# 05' 75<.782' 75I 57513' 30'1-2$' 4:3' ,'?5' 2<(75<7.>2# ď 3

3 ' " '5 9,

05' 75(2.1' ;.7' 305' '6E.2'3'.1' '2$' >0(32.5I57' <.1<5712' 305' -.I5716 513' .;' 305' ?'1-8.6' (2' '3' 0(30' 75,(3'.1' 3.' ;.75'-1' E(732 \ ' 305' ,(>' 0(30' 75E.258' (' 2E5<'(,' <.1;'851<5' '1' 305' '1-# 05' ,(>' <(11.3' E7.I'85' ;.7' (,' .<<(2'.12#

05' ,(>' 8.30' 75E.25' 1.' -75(357' <.1;'851<5' '1' 305' '1-' '1' 30'2' 30(1' '1' .3057' 30'1-21' E(78.1'1-' .;' .;;518572$ 8'2E512'1-' .;',(>2$ <.'1$' >(7#

0.:-0' 9.:' 0(I5' 1.' 756589' 49',(>$ 953' 9.:' 6(9' <.6E,('1' '1' (7,'(6 513$' (2' 9.:7' (1<523.72' 0(I5' 8.15$ 49' E53'3'.1# 18' .8' (18' 1(3:75' 0(30' E7.I'858' (' 756589# :23.6' ,'?5' (1' 'I9' >0'<0' -7.>2' (18' <,(2E2' :E.1' 305' 3755' .;' .6 6 57<5#

05' '1-' 20(,,' Q:8-5' .;' 305' 3'6 5' 3.' '6E.25# :3' 305' 6 5(J 2:75' (18' 5G<522' 305' Q:8-52' >',' 6.857(35#

.358' 30(3' 07'23' >7.:-03' 1.' 6'7(<,5' 3.:<0'1-' 6.159' 4:3' .1<5$ (18' 30(3' >(2' >051' @:523'.1' >(2' .;' 37'4:35' 6.159#

.' 05' >'20530' 30(3';.7' 30'2' 25(KE5119' A;.7' '3' '2' 1.',(18KE5119D$ ';' '3' 45' 8:5' 3.' 252(7' >5!' 6(9!0(I5' '3# :3' ';' 1.3$ 30(3' >5* 6(9' ,.25' 153' (18' ,(4.:7' (18' (,,#!

05' ;.,,.>'1-' 1.35' '1' :8,59' (7,53.1=2' 0(18' 45,.1-2' (EE(7513,9' 3.' 30'2' 854(351' (3' >0(3' E57'.8' '1' '3' ' <(11.3' 85357 6'15# :3';' (<.1' 6(85' (19' 75E,9' 3.' 0'35,.<?=2' 2E55<0$ >0'<0' >(2' 85,'I5758' .1' 305' 18' .;' :,9* \ (18' '3' '2' 1.3' :1,'?5,9' 30(3#45' 8'8$ 30.:-0' 7# (78'157=2' 6(1:2<7'E3' 0(2' 1.' '18'<(3'.1' .;' '3 \ 30'2' '2' E7.4(4,9' (' 1.35';7.6' '3#

3 % ' ' * % ' ' % ' ' "

7' .,,'<'3.7' (3' 305' .6 6 '3355 \

,,' 305' 3(3:352' (,,5-58' 49' 7'] 0'3,.<?' (-('123' '1<75(25' .;' :23.62' (12>5758' 49' (' 8'23'1<3'.1' .;' .73' 8:3'52' (18' (18' 8:3'52#

' U 55= '1' # '1' 4.30' E,(<52# ;' '3' 45' 305' 7'-03' >.78' (<.1' 6:23' 0(I5' 4551' 2E5(?'1-' '1' 305' E572.1' .;' 305' '1-=2' .:125,# :3' ' 30'1?' '3' 20.:,8' 45' U05= '1' 4.30' E,(<52 \ '# 5# 305' '1-' 0'625,;#

' 88,# # H / $;# B' 4# (7'# 54# /B/ $ E# BL#

ć (7'# 54# /B/ $ E# / F# # # E# HH #

F

(11:6$ (4.I5 3,'5 (11:(,' 75I51:5 >0'<," 3059 1.>' 9'5,858 T* >0'<0 (EE5(72 3.' 0(I5 4551 523'6(358 (3 $ O#!' 0'2 >(2 (1 (4(356513 .;' B $ O# E57 (11:6' '1 0'2 856(18 ;.7 ' (18 (2 1.30'1-' >(2 2('8 (4.:3 -,' 0'2 .3057 856(18 .;' B $ O# (2 (' E75,'6'J 1(79 <4,'8'3'.1 .;' 305 4(7-('1$ 6(9 45 <.12'85758 (2 0(I'1-' 4551 >'3087(>1# 0'2 15>' (18 6:<0 '6E7.I58 .;;57$ 45'1-' 75E.7358 3.' 305 .:25 305 15G3 8(9$ 4(8 4551 '6658'(35,9 75;57758 3.' (' .6J 6'3355# :3 305 (12>57 0(8 3.' >('3 ;.7 305 7'5I(1<52$ >0'<0 >575 3.' E7.<558 ' ,' (18 >575 1.>' (' ,'33,5 450'18#

05 85,(9 0.>5I57 >(2 1.3 ,.1-# 05 .66'3355 (EE.'1358 .1 305 F78 .;'R :,9 A.;' >0'<0 (<.1 >(2 (' 656457D 47.:-03 :E 305'7 75E.73 .:' 305 H30# 05 E53'3'.1 <.1<571'1-' 6E.2'3'.12 >(2 3051 '6658'(35,9 75(8 '1 305 .:25 (18 E(2258W (18 305 <.,,5<3'.1 .;' 7'5I(1<52 45'1-' 1.>' <.6E,535$ 305 E75(64,5 >(2 (-7558 3.' (18 .785758 3.' 45 51-7.2258# (<.1$ (<<.6E(1'58 49 3>5139 .;' 305 .:25$ >(2 (EE.'1358 3.' E75251 3056 W >0'<0 05 8'8 .1 305 C34$ >'30 305 ;.,,.>'1-' 2E55<0$ (2 75E.7358 49 0'625,;#

' $,,#+')/,0 ' +,' - 7 ' ' /' (8,/ ./' # %
' ' ' ' . ' ' ' '
$' ' ' ' ' , ' (2 5 " ;' 2
14(2 ' "1' :E1 9' ";' 2 1' 91 2H 2 ' ' 2
% , ' ' #

4,.23 -7(<'.:2 .I575'-1$

05 ?1'-032$ <'3'M512$ (18 4:7-52252 (22564,58 '1 (7,'(J 6513$' :' 305 4.:25 .;'9.:7 <.66.12$ '1 (,,' 0:64,51522 8.' 5G,''4'3 (18 E75251 3 :13.' 9.:7 2(<758 (Q5239$ '1' 305'7 .>1 >.782 30.:-0 49 69 0(18$ 305'7 53'3'.12 (18 7'5I(1<52# 059 (75 0575 <.1<5'I58 (18 253 8.>1 '1 >7'3'1-$ (<<.78'1-' 3.' (1<'513 <:23.6 .;' (7,'(6513# 059 (75 (,2.' E75;(<58 (<<.78'1-' 3.' 305 6(1157 (18 3(235 .;' 30525 ,(357 3'652# 0575;.75 ;.7 65 3.' 6(?5 (19 (88'3'.1(,' E75;(<5$ >575 15'3057 >(77(1358 1.7 <.1I51'513 52J E5<'(,,9 2E5(?'1-' 45;.75 (' '1-$ 305 5G(<31522 .;' >0.25 Q:8-J 6513 .:-03 3.' 2<(3357 (18 <0(25 (>(9 (,,' :115<522(79 2E55<0$ (2 305 2:1 8.30 (' I(E.:7#

0'2 .1,9 ' 6(9 2(9 '1<5 30'2 2522'.1 .;' (7,'(6513 >5 0(I5

/ ' '<7(I5 /H $ O# E57 (11:6$ '1 7537'4:3'.1 .;' 21.4 30'1-2 .2 ' 65(1 3.' 4(7J -('1' ;.7 (3 34'2 (7,'(6513$ <,5(7 '1' (88'3'.1 3.' 30(3 ' ;.7657,9 75<5'I58 49 305 1(3:752 .;' 30.25 30'1-2 30(3 (75 1.>' 3.' 4.' 4(7-('158 ;.7#P (7'# .4# /B/ $ E# / /#
* # # E# HHH#
(7,# # BC C$;.# /F # 05 ,(23 251351<5 (8858 '1 (<.1-2 0(18#

Q 1 A ! >

2551 9.:7-,.79$'1 305 2.,561'39.;305<75(3'.1.;30'2 6.23
1.4,5 7'1<5# 5 0(I5 05(78 9.:7>'28.6$'1 2:1879 5G<5,,513
2E55<052 >0'<0 9.: 0(I5 85,'I5758 (6.1-23:2# .> >5 0.E5
3.;'18 (18 ;55,305 5;,5<32.;9.:7-..81522$'1 9.:7-7(<'.:2
(12>57 3.30525.:7E53'3'.12# .730'2>5(75E572:(858$30(3
305 (337'4:35>0'<0>(2-'I51 49.15.;305>'2523>7'3572 3.
3>.'.;'305 4523 56E57.72Q C * E * * 3 .,A2('30
(<'3:20 % D % ,' '5 D
6(9 45 37:,9 (EE,'58 3.9.:7 (Q5239# .7 15157>(2 30575
2:<0 (<.1257I(3.7.;75-(,'39'1 (<7.>1$1.7 5157 2:<0 (E7.J
35<3.7.;',(>;:,';7558.6'1 (2:4Q5<3#

1,9'30'2A5G<5,,513 .I575'-1D 53 1.3 305 2.:18.;-7'5I(1<52$
A30.:-0 '3 45 2(80 2556 0(720 3.9.:7E7'1<5,9 5(72 '3'2 4:3
% D ,305 6.:71'1-.;(8.I5$ >'30 30(3 E(3'51<5
(18 0:6','39.;05(73 >0'<0 (EE573('1530 3., .I'1- (18 ,.9(,
2:4Q5<32# 18 ;(7 45 '3 ;7.6:2$ 4:3 30(3 '1 305 6'823.;305
25125.;.:7-7'5I(1552 >5 20.:,8 75656457 (18 (<?1.>,58-5
305 '1;'1'35 4515;'32$ >0'<0 49 9.:7 (Q5239 15G3 :1857 .8
>5 8.51Q.9 >0'<0 4'18 :2 3.'>'20 :13.9.:7,';5;:,1522.;
8(92 (18 :13.9.:7,'15 7.9(,$ (2:<<522'.1 (18 <.13'1:(1<5
5151 :13.305 >.7,8=2 518#

3 7523530 30(3 :13.30525 E53'3'.12 0575'1<,:858 8.'(88
.15 6.75 30(3 -.530 3.3056'(,,I 10'<0 '2$30(3 ';'1 305 >.782
(18 ;7(65.;3056'30575 45'(19 30'1-.;;512'I5$ .7 30(3 >5 0(I5
5GE752258 .:725,I52 .3057>'25 30(1 >5 20.:,8 .7 >.:,8$ 30(3
9.:7 (Q5239 >.:,8 <.I57 '3'(18 <(23 305 I5',.;'9.:7-7(<5 :E.1
'3$ (18 (<<5E3.;'.:7-..8 '13513'.12 (18 05,E 3056'49 9.:7
451'-1 '1357E753(3'.1#

(23,9$ (6 6.23 0:64,9 3.<7(I5 (E(73'<:,(7E(78.1;E7
6925,;'30(3 0(I5 :258 30525;5>>.782$ (18 2<(7<5,9 20.:,8 0(I5
4551 (4,5 3.0(I5 :258 (19 (3 (,,$ '1 752E5<3.;'305 75I5751<5
>0'<0 45(7 3.9.:7 E572.1 (18 Q:8-6513$ 0(8 1.3 4551
2.65>0(3 75,'5158 (18 <.6;.7358 49 305 5GE57'51<5 >0'<0 '1
69 2571'<5 (18 (<<522 0(I5 0(8.;'9.:7 <.13'1:(,'-7(<5 (18
;(I.:7#

05 (12>57 3.3,''2 E53'3'.1 >(2-'I51 .1 :528(9 305 / 30.;
:,9$ 4.30 .:252 (33518'1-' 49 <.66(18# 05,51-30.;'305 E(57
(18 305 20.731522.;'3,'5 3'65>(2 (,,5-58 >'30 I579 -..8 20.># (2 (
75(2.1;.7 1.3 85(,'1-'>'30 (,,'305 (73'<,52 (3 30(3 3'65# 1 .41'.:2
8'23'1<3'.1.;'<0(7(<357 2:--52358 305 25E(7(3'.1.;'3,'.25 >0'<0 <.1K

;7. 6' '6E.2'1-' (19' 6.75' :E.1' 657<0(:8'252$ >'30.:3' <.12513' .;'
(7,'(6513#P*
.' N,53',.2572' 0(I5'305'7' >.782P' '2' 5G<5,,513' (8I'<5'3.'305' >'1157$
(18' 6'-03' >5,,' 0(I5' 4551' (<358' .1' '1' 30'2' <(25' 49'305' .:25' .;'
.66.12#] 0(35I57' ,(>9572' 6'-03' 30'1?' .;'305'Q:23'<5' .;'305'
Q:8-6513' '1' (352=2' <(25$ 30575' <.:,8' 45' 1.' 8.:43' '3' >(2' (' I579'
X237.1-' E.'13' '1';(I.:7' .;'305'-.I5716513# .22522'.1' '2' 1'15' E.'132'
.;' 305',(>$ (18' 3',,' 30(3' Q:8-6513' >(2' 75I57258$ '3' <.:,8' 1.3' 45'
851'58' 30(3' 305' .I5716513' >(2' '1' E.22522'.1# N' 0.:-0' '(6' 1.'
E7.;522.7' .;'305',(>$P' 2('8' (,'24:79$ N'A(18' 30575;.75' 65(1' 1.3' 3.'
6(?5',(>9572' 2E.73' 49' E:33'1-' <(2520' 953' 2.';(7' (2' 69' >5(?',.-'<
>',,' 05,E' 65' 3.' 6(?5'(';.76(,'(18'(' 4'18'1-'(7-:6513$ ' >',,' 6(?5'
:25' .;'3' 7(3057' 30(1' 3.' 2:;;57' (19' '6E:3(3'.1' :E.1' 305'Q:23'<5' .;'
0'2' (Q5239=2' (<3'.12#
N' '723$ ' 2(9'30(3' >0(3515'7' '2' 8.15' 49'305' >(77(13' .;'(',5-(,'Q:8-J
6513$ (18' '1' 0'2' E7.E57' 25(3' .;'Q:23'<5$ '2' 1.3' :1,(>;:,#
N' 05' 15>' '6E.2'3'.12' >575',('8' :E.1' 657<0(18'252' '1' 305' E.73'
(;357' (' ,5-(,'Q:8-6513$ >057549' 0'2' (Q5239=2' 7'-03' >(2' 85<,(758' '1'
.E51' .:73$Q:8'<'(,,9'(7-:58$ (18' 251351<58$ '1' 305'<(25' .;'<:77(132#
N 18' 30575;.75' 305' 15>' 6E.2'3'.12' >575' 1.3' :1,(>;:,#P*
2' (-('123' 305'<0(7-5' .;' -,' 305' (7-:6513' 25562' 3.' 65' :1J
(12>57(4,5# 05' Q:8-6513' 6'-03' 45' 75I57258$ .7' 305',(>' 6'-03' 45'
(,35758' 'I' 4:3' :13',' .15' .7' .3057' >575' 8.15$ ' 8.' 1.3' 255 0.>' 305'
<.1<,:2'.1'<.:,8' 45' 752'2358# 18' 30575;.75' ';' 305' '1-$ 0(I'1-' 2.'
237.1-' (' E.'13' '1' 0'2';(I.:7$ >(2' >',,'1-' 3.'<.6E7.6'25' 305' 8'2E:35'
49' I.,:13(7',9' 8'I523'1-' 0'625,;' .;' 305' 8'2E:358' E.>57';.7' 305';:3:75$
' 30'1?' 305' .66.12' >.:,8' 0(I5' 8.15' >'25,9' 3.' ,5(I5' 305' 8'2E:35'
(18' 3(?5' 305' .;;57# 3' >(2' (' -75(3' 2:7751857' (18' 30575' >(2' 1.'
<0(1<5' .;' -533'1-' 305' 30'1-' 8.15' 2.' @:'<?,9$ <05(E,9$ (18' @:'53,9$ '1'
(19' .3057' >(9#
:3' ';' 305',.257' 20.:,8' (,>(92' 45' (,,.>58' 3.' 0(I5' 0'2' >.782$ '3' '2'
.1,9' 45<(:25' 3059' <(1' 8.' 0'6' 1.'-..8' 'I' (18' >5' >(13' (1.3057' E7.I574'
3.' >(71' 0'6';.7' 0'2' .>1' 2(?5' 1.3' 3.' '18:,-5' '1' 3056#;' (<.1'0(8'
4551' 56E,.958' 3.' 87(>' :E' 305' (12>57' 3.' 30'2' (73'<,5' (2' >5,,' (2' 305'
7523$=' 30'1?' 05' >.:,8' 0(I5',5;3' 3.' (,'24:79' 305' (22573'.1'.;'305'
7'-03' '1',(>$ (18' 6(85' 305' '1-' 2(9' 1.' 6.75' 30(1' 30(3' 05' >(2' >',,J
'1-' 3.' 8'I523' 0'625,;'.;''3' 49' <3'.;' (7,'(6513# 2' '3' >(2$ 305' '6J
E,'58' (22:6E3'.1' 30(3' 05' 8'8' ,5-(,,9' E.22522' 305' E.>57' >0'<0' 305'
.:25' 0(8'Q:23' I.358' <.137(79' 3.',(>$ (18' 30575>'30(,' 305' '6E,'58'
<512:75' .;'305'7' >0.,5' E7.<558'1-$ 6(7758' 305' 5;;5<3' .;'(' <.1<522'.1

* ('',# 54#$ /B/ # EE518'G$ E# / F# 'I' c(7,# 54#$ / / $ E# / #
=' 0575' '2' (' 87(;3' .;'305' (12>57' 3.' 305' .30572$ '1' (<.1=2' 0(18$ >'30' <.775<3'.12'
49' (,'24:79# # # D. 1# (652' #$.,# I'# 1.# /L#

,(7-5' 9.:' >',,' 1.3' 8.:43'† .1'305' .782=2'85$ ' % 6 ' ' / % ;'(18' 30'2' 09' 69' .78' 75(2:757$ >0.'<(65' :E.1'2.65'8'2J (8I(13(-5$ 45<(:25' .:7' 651' >575' E75E(758$ 0:3' 8'8'2.' >5,,' (<@:'3' 0'625,;' 4' ' `;'(18' 2.' <,5(7,9' .E51K(,,' 305' E(73'<:,(7'3'52' .;'305' <.137(<3$ 30(3' 05' -(I5' I579' 5G37(.78'1(79' <.13513651 3'† 30.:-0' ;.7' 305' '22:5' .;'3' >5' ?1.>' 1.' 6.75' 30(1'45;.75' >0(3'Q:8-6513'3.' 6(?5$;.7' '3' '2' >7(EE58' :E' '1' 305' <,.:82$ (18' 5'3057' >5' 20(,,' 0(I5' '3' '1' (' 2>553' 20.>57' .7' (' 23.76' 305',(23'8(9' .;' 305' 2522'.1# 53'30575' '2' ,'?5,'0..8' .;' (1.3057' <.1;5751<5' 45;.75'30(3'8(9$ >051' 6(33572' >',,' 45' 47.:-03' 15(757'3.' (' E.'13#P!

1.3057' 75E.7357$ (,2.' I579' >5,,' '1;.7658$ \ >7'3'1-' .1'305' 2(65' 8(9$ 4:3' (EE(7513,9' (3' (' ,(357' 0.:7 \ -'I52' ;:73057' E(73'<:,(72'W 1(65,9' 30(3' (,'24:79$ 0(I'1-' 75(8' (' ,53357' ;7.6' 305' '1-' '1' >0'<0' 05' .;;5758' 3.' 6553' 3056'0(,;'>(9'(18' 3(?5' $ j#$ 5(71523,9' 75J <.6651858' 3056]'3.' (<<5E3' 305' .;,57#

]' 18' 2.' (2' >5' >575' 85E(73'1-$' 05'<(,,58' :2' 4(<?' (-('1$'(18' 3.,8' :2'30(3' 1.>' 05'0(8' 85,'I5758' 0'2' (Q5239=2' ;'1(,' (18' E5756E3.79'752.,:3'.1'† 30(3' 305' 8'23(1<5' >(2','33,5'(18' 305' 4(7-('1'(8I(13(-5.:2'W ;'>5'1.>' 75;:258$ 0'2' (Q5239' >.:,8' '123(13,9' 8'22.,I5' 305' (7,'(6513$'(18' >.:,8' 15157' 6(?5' 305',' ?5' .:;57' 3.' 30'2' (22564,9# .'>5'(,,' 753:7158' 3.' 305' .:25' (18' '123(13,9' E:3' '3' 3.' 305' @:523'.1$'(18' 9'5,858' 3.' -'I5'0'2' (Q5239' (' E57E53:(,' 75I51:5'.;' $ j#('95(7':E.1'30525'<.18'3'.12'W

/# '723$ 30(3' 305' .:73'.;' (782' 45'8'22.,I58$ 3.-53057' >'30' 305' hJ E518(1<52$ >0'<0' (75'752E'35'.;' .6(-5$ 75237('13'.;' ,'51(3'.1$ 305' E75J ;'152' (18' 305' E.23K;'152 % `'% %

' &$4;'&'%&'8./=$0%12$'-$'E.+&$'&%F$1'%C%0C' %13'&('&'%&'$13'&'%&'&'$ %.&'(/+&0'()'&'$ /$$1' *(&'' -$'8.&'3(C1;

F# 356$'30(3' 1;.76572'45'4(1'2058#

H# 356$'30(3'0'2' (Q5239'20(,,'<,('6'1.',8'85432#

B# 356$'30(3'05'20(,,',(9'<,('6'3.'1.',(:82'>0'<0'0(I5'4551'307552<.75' 95(72'.:3'.;'0'2'E.22522'.1#

B# 356$'30(3'<.137(79'3.'305' E752513':25$ (,,'0'2' (Q5239=2'E(35132'45' 237'<3,9'1357E75358'(-('123'305' '1-'(18'451'-1';.7'305'2:4Q5<3#

C# 356$'30(3' 522552'45'1.3'3:7158'.:3'.;'E.22522'.1';.7'1.1KE(96513# # 356$'30(3'305' 2:4Q5<3' 6(9'45' E576'3358'3.' E,5(8'(' -5157(,'E,5(' (-('123'0'2' (Q5239$ 53<#$ (18'8'I572'.3057'E(73'<:,(72'.;'-75(3'6.6513# .>'756('12'30575'3.'45'752.,I58'.1$'305' (22:7(1<5$ (18'>'30'>0(3' <.782'>5'20(,,'4'18' (6E2.1=2'0(182$ 30(3'2'3.'2(9'0'2' (Q5239=2' 757.J -(3'I5'† (18' 25<.18,9$ 305' 6(1157'(E8'65(12'.;',519$ >0'<0'>',,'E7.I5'(' 4:2'1522'.;'-75(3'137'<(<9'W (18' 30525' 3>.'47(1<052'(75'75;57758' 3',,'305' 15G3'2522'.1'.;' (7,'(6513$ >0'<0'>',,'45''1' <3.457'(3'30.;(7305233'W (18' 2.';.7' 30'2' 3'65' 305' '1-'(18' .66.12'(75',?5'3.'E(73'1'305',.I'1-523' 3576 2'30(3'5157'(19'2:4Q5<32'.;' 1-,(18'8'8'7'25';7.6' (7,'(6513#P*

=' #(18' #.;'(652' #$E#/ #
* .# .79'3.' '7' (,EO' '1>..8$/C' :,9$/B/ # '1>#' 56# œ[K/LH#

Q c +G < # .' 305' 453357' 2.73$ 305' I'5>' .;' 30.25' 30'1-2$ >0'<0' '1',5:' .;' 30(3' 2:6' >5' 20(,,' 75<5'I5';7.6' 0'2 (Q5239W >0575.;'<.E'52' 3.' 45' 3(?51' 8.>1' 49' 2:<0' (2' E,5(25*# F# 1'-5157(,$ 3.'($0'2 (Q5239=2-7(<'.:2' (12>57' 3.'.:7 7'5I(1<52#P* :3' 30'2' >(2' >7'3351' 45;.75' 305' -7(<'.:2' (12>57' 3.'305',(23' (73'<,52' 0(8' 4551' 85,'I5758$ (18' '3' 6:23' 0(I5' 255658' 8.:43;:,$ >051' '3' <(65$ >,'53057' '3' >(2' -7(<'.:2' 51.:-0' ;.7' 305' E:7E.25#'' .'N'305' 65(157' 2.73' P' '18558$ 305' (22:7(1<5' .;;5758' >.:,8' E7.4(4,9' 45' 2:;;'<'513# :3' '3' >(2' 1.3' >130' 305' 65(157' 2.73' 30(3' 305' 8';;'<:,39' >.:,8','5# N' 05' 453357' 2.73$P' '1' 4(,(1<'1-' 305' <.23' (-('123' 305' -('1$ >.:,8' <.6E(75' 305' 3(G52' 3.' >0'<0' 3059' 0(8' 4551' (<<:23.658' >'30' 30.25' =0'<0' >575' 1.>' 3075(35158# 0.25' >0.' >575' .,8#51.:-0' 3.' 0(I5' E('8' 3(G52' ;.7 ' 95(72' >.:,8' 75656457' >0(3' 3059' 0(8' 0(8' 3.' E(9' ':' / LF' (18'# / LH$ >051' ;.7' 305' ;'723' 3'65' (' >0.,5' 2:42'89' A>0'<0' 3051' 9'5,858' / $CL '#0' >(2',5I'58' >'30'1' 305' 95(7$ (18' 30'2' ;.7' 3>.' 95(72' '1' 2:<<522'.1# 0(3' >(2' 305' 05(I'523' 3(G('3'.1' 30(3' 0(8' 5157' 4551' 45;.75' .7' 2'1<5$ >0',5' '3' ,(2358W 4:3' 305' <(25' >(2' (,3.-53057' 5G<5E3'.1(,$ (18' '1' 305' 3>.' 95(72' >0'<0' ;.,,.>58$ .1,9' 0(,;' 305' (6.:13' >(2' E('8 \ >0'<0' >(2' 3051' 305' .78'1(79' 7(35# ;357' 30'2' ;.,,.>58' 25I51' <.125<:3'I5' 95(72' '1' >0'<0' 3059' 0(8' 0(8' 3.' E(9' (' >0.,5' 2:42'89' 5(<0' 95(7T' /H/$ '# 45'1-' 305' (I57(-5' .;' 305' ;'723' 30755$' (18' /FH$HC/'# 305' (I57(-5' .;' 305' ,(23' ;.:7#^' '1<5' >0'<0' 3'65' 305' 2:62' (11:(,,9' 75<5'I58' 49' 305' ' 5716513' .1' (<<..:13' .;' 305' ';3551342' (18' :42'8'52' .;' 305' ('39$ 0(8'#4551' (2';.,,.>2T \ 1' ;;K5' L$ FL / BKC' LL$ /B CK ' / B$ B / KL' /$CBF / LK/ CB$ LLF :<0' 45'1-' 305' 5GE57'5''<52' .;' 3(G(3'.1' 3051';7520' '1' 656.79$' 305' N' 6(3357' .;' <.13513' P' >0'<0' 305' 656457' .;' 305' .>57' .:25' 0(8' 3.' <(779' 8.>1' 3.' 305'7' <.123'3:5132' '1' 305'<.:1379' >(2' 30(3$ ':' <.1J 2'857(3'.1' .;' 45'1-' 75,'5158' ;7.6' <573('1'4:78512' 305' I(,:5' .;' >0'<0' '1' 6.159' I(2'523' 6(358' (3' $ C# E57' (11:6$ 3059' >575' 3.' 45' 4:7J 85158' 3051<5;.730' >'30' (']E57E53:(,' 3(G' .;' $ C#$ 3.' 45' 25<:758' 3.' 3,'5' 7.>1' N' 49' <3' .;' (7,'(6513' '1' (2' 237.1-' 2.73' (2' <.:,8' 45' 851'258' >0'<0' >.:,8' 45' 6:<0' 305' 2(65'30'1-' (2' E(9'1-' (' >0.,5 * # #$ E# BB # F 0525' ;'-:752' (75' '1;57758' ;7.6' 305' 3(4,5' -'I51' (3' E# /HL' A>0'<0' 23(352' 305' I(,:5' .;' 305' 2:42'89' (3' 5(<0' E57'.8' ..6E('K58' 6 30' 305' 25I57(,' 2:42'89' <32$ A>0'<0' -'I5' 305' 3'652' (3' >0'<0' 305' 25I57(,' E(96 5132' 45<(65'8:5D# F (78'157$ # E# H/H# X # #$ E# BB # # #

/B/ $) 3 ,#, , , s I, s

+ s s 6'-03 1.3 '13577:E3 305 0'23.79 .;s 305 4:2'1522 '1 (7,'(J 6513$ s E(2258 .I57 (,53357 >7'3351 49 (<.1 8:7'1-s 305 (2357 75<522$ >0'<0 >',,s 75@:'75 (;5>s >.782 .;s 5GE,(1(3'.1$ (18 1.>s 30(3 >5 0(I5 75(<058 305 ,.1-s I(<(3'.1 6(9 45 6.75 <.1I51'513,9 8'2J <:2258#

(6851=2 U 11(,2 .;s %:551 ,'M(4530+ >575 1.3 E:4,'2058 3',,s /B/ T >051 305 ;'723 30755 4..?2 (EE5(758# :3 >5 ?1.>s ;7.6s 656.7(18(.1 305 4,(1?s ,5(I52 .;s 305 .7'-'1(,s <.E9 30(3 305 >0.,5 >.7?' 0(8 4551 <.6E,5358 '1 6(1:2<7'E3 45;.75 305 518 .;s /B/F$ >051 05 >(2 51-(-58 '1 751'2'1-s '3#5 5 ?1.>s ;7.6s (,53357 >7'3351 49 5 0.:s 3.s (6851 (3 (2357 '1 30(3 95(7 30(3 3>.s 25I57(,s E.73'.12 .;s '3 0(8 (,75(89 (3 3>.s 25I57(,s 3'6 52 4551 2513 3.s 0'6 49 <.66(18 .;s '1-s (652 \ (EE(7513,9 (-..8 >0',5 45;.75# 5 ,5(71 ;7.6s (,53357 .;s 0(6457,('1=2 3.s (7,53.1$ 8(358 L (1# /B//K/ $ (2 (E'5<5 .;s ;7520 15>2$ 30(3 (N-..8 E(73 .;s %:551 ,'M(J 4530=2 ,';5$<.,,5<358 >'30 305 05,E.;s '7 .4573 .33.1 (18 >7'3351 49 7# ,(751<'5:G P 0(8 1.3 ,.1-s 45;.75 4551 2513 '13.s 7(1<5 s ;.7 (E752513 3.s 0:(1:2$ 3.s 45 '1257358 '13.s 0'2 >.7?#P^ 18 (2 >5 ?1.>s :E.1 (6851=2 .>1 (:30.7'39 30(3 05 0(8 45-:1 3.s N 8'-523P 0'2 11(,2 '1 /B $^s 30575 '2 1.s 8';;'<:,39 '1 2:EE.2'1-s 30(3 45;.75 (2357 /B/ s 305 ;'723 E(73 >(2 <.6E,535 '1 6(1:2<7'E3 (18 '1 (<.1J 8'3'.1 3.s 45 2:46 '3358 3.s 305 '1-#

:3 (6851=2 1(65 (EE5(72 3.s 0(I5 4551 (3 30'2 3'65$;.7 2.65 75(2.1 .7 .3057$ 2:EE752258# '7 .4573 .33.1 0(8 0(8 (05,E'1-s 0(18 '1'305 >.'?W '3 >(2 05 >0.s 0(8 4551 '1 <.66:1'<(3'.1 >'30 305 '1-s (4.:3 '3W (18 45'1-s (6(1 .;s 0'-057 75E:3(3'.1 '1 6(3357 .;s <'I',s 0'23.79$ 05 >(2 1(3:7(,,9 2:EE.258 E570(E2 3.s 45 305 (:30.7#]

.33# # (:23# # #K $ ^ # # .6# (652 # .,# B $.# F # N /B # 11(,52 8'-57575 <6E'#P (6851 #E'23#$ 88518($ E# # X U 8 <.66513(7'.2 # .33.1 @:.8 (33'153$ 25'3.s 8:(4:2 I'<'4:2 5.2 (8 65 Q: 2:s 25751'22'6 5-'2 6' F$@:752 I5237(2 E573<G:13 :2@:5 (8 (11:6 E7>357'3'

' ' ' ' R + $'

0525' 30'1-2' <.12'857$5<,$ 305' 0'23.79' .;' 305' ;.,,.>'1-' ,53357' A>0'<0' 6 :23' 05' -(305758';7.6' '325,;D' >',,' 45' 2:;;'<'513,9' '135,,'-'4,5# .33.1' 0(8',513' (<.1' (' <.E9' .;' 305' ;'723' E(73' .;' (6851=2' 6(1:2<7'E3$ 30(3' '3' 6'-03' 0(I5' 305' 4515;'3' .;' 0'2' <7'3'<'262' (18' 2:--523'.12' (18' 0(8' ,(35,9$3 ' 2:EE.25$ 2513' 3.' (2?' ;.7' '3' (-('1$ (2' 05' >(2' -.'1-' 3.' <(779' (' X.E9' 3.' 305' '1-# 0'2' '2' 305' ,53357' >'30' >0'<0' (<.1' 753:7158' 305' 6(1:2<7'E3' W \ 305' .7'-'1(,' ,53357$ E75257I58' (6.1-' .33.1=2' .>1' <.,,5<3'.12$ (18' 1.>' '1' 305' 7'3'20' :25:6#

.' %' 1 ,% ' K

'7$

.:' 6(9' 30'1?' 305' .<<(2'.1' >(2' -75(3' (18' E752513$ 30(3' 6(85' 65'85;57' (' 30'1-' ' 3..?' 6:<0' 3.' 05(73' 2.' ,.1-' W ' 0(I5' '1' 305' 4,(1?',5(;'2:EE,'58' 2.65'<,(:252$>0'<0$>(77(1358' 49' 9.:7'?'18' 752E5<3' (18',' 45739$ ' >'20' >575' '1257358';.7' 69';(3057=2' 0.1.:7$ (2' (' 2.1$ ' <.1;522' 4:3' 953' 1.' ;:7857' 30(1' ' 0(I5' 305' 3>.' -75(3' <0(6E'.12$ 4.30' 37:30' (18' .E'1'.1$.;' 69' 2'85# 059' 45' 4:3' 30755' E,(<52$ (18' 30(3' 9.:' 6(9' 75(8',9';'18' 3056' ' 0(I5' 3:7158' 8.>1' ,5(I52' 852'7'1-' 9.:' 3.' 75;.76' 305' (3'1' .7' 305' 25125' 49' 9.:7' 45335 7' 239,5' (18' <.1<5'3' >0'<0' 8.15$ ';' '3' E,5(25' 9.:' A45'1-' 4:3' 30755' E(-52' 3.' 0(I5' 3056' >7'3351' (-('1$ (18' 2.' '1' <.7E.7(35' 3056' '13.' 305' <.E9' 9.:'<(779' 3.' 305' '1-$ 9.:' 20(,,' <.1351 3' 65' 6:<0' >0.' ' 30'1?' (6' 1.' :1;'3' 6(1' 3.' -I5' 9.:' 2.65' <.137'4:J 3'.1' .7' 7537'4:3'.1' 3.' 9.:7' >.7309' '13513'.1# .' '1' 0(235' ' 756('1

.:7' (22:758';7'518$

; %' #

7(9=2' 11

30'2' CU' .;' E7',' /B/ #

;' .33.1'](8.E358' (<.1=2' 2:--523'.1' (18' 0(8' 305' 30755' E(-52' <(1<5,,58' (18' >7'3351' .:3$;('7' >'30' 305' E7.E.258' (88'3'.12$ '3' >.:,8' (<<.:13';.7' 305' (4251<5' .;' (,,' 37(<52' .;' (<.1=2' 0(18>7'3'1-' :E.1' 305' .7'-'1(,' <.E'52# :3' (2' '3' '2' 1.3' ,'?5,9' 30(3' 2;3' 6:<0' 37.:4,5' >.:,8' 45' 3(?51' >'30' (19' <.E9' 5G<5E3' 30(3' >0'<0' >(2' 3.' 45' 253' 3.' 305' '1-$ >5' 6'-03' 5GE5<3' 3.' ;'18' 305' <,(:252' '1' @:523'.1' (EE5(7'1-' (2' '12573'.12' '1' 305' 6(7-'1' .7!4,(1?' E(-5' .;' 2.65' .3057' <.E9# .>' '1' # (:23# # # A>0'<0' '2' 852<7'458' '1' (' 1.35' 49' .33.1' 0'625,;' (2' N' 305

;<<''," # ###' 1' '3.' E7'<<'E:(6' E(735 6' I'18'<(75' 3:1<' 1<2<,54(6# # # # ' $ + ' 1.237.' E57';57'.2' (2<0(,52' 754:2' E7.,(3'2' # # o#> Z' (<# :-# ,':(1:2' # # (4' (6851.' # # A 4'8# E# /FL#D N .33# # .*' # **;')'**' /+6+1%*J (C1' '%13

/B/ #d ' ' ' = ' # / !

;'723 < . E9$ (;357 6 51858PD ' ;'18$ (6 . 1- . 3057 6 (7- '1(,' '12573' . 12$ 305 30755 ; . ,, . > '1- >0'<0 0(I5 75;5751<5 3. ' '7 '<0 . ,(2 (<. 1$ (18 6 (9 E. 22'4,9 45 305 <,(: 252 >,''<0 7(1<'2 2: EE,'58#

/# 3 E(-5 $ 305 ,'23 . ; 305 E572 . 12 >0. 6 ,'M(4530 . 1 ;'723 <. 6 '1- 3. ' 305 307 . 15 <0. 25 3. ' 45 . ; 057 7' I9 . : 1<', 51858 A(2 305 6 (1 : 2<7'E3 . 7'- '1(,,9 23. . 8D > '30 305 > . 782 N E(: ,,. @ : 5 E. 23$ '<0. K ,(: 7(' (<. 1 : 6#P 1 305 6 (7- '1 305 ; . ,, . > '1- @,(: 25 'Z 8'75<358 3. ' 45 '1257358 (;357 N (<. 1 : 7(#P

N : <: 23. 8'(6 6 (-1 2'- ',, < . 6 6 '2'3 I '7: 6 <. 12',' . 53 8'<518 -7(I '3(35 E7s23(1356 $ @ : '@ : 5 <: 6 5<',' . (;;'1'3(35 <. 1Q: 1<3 : 2 53 251'351302 <. 1<. 72$ 6 (-1 754 : 2 -57518'2 '1'1. I . '75-1. ' 6 . 6513 ; : '3#P : 3 (' ,'15 'Z 87(>1 307. : -0 305 > . 782 (;357 N @ : '@ : 5$P (18 3059 (75 1. 3 ; . : 18 '1 (19 . ; 305 E7'1358 < . E'52#

3 E# /H$ 2E5(?'1- . ; 305 ;'723 (<3 . ; ,'M(4530=2 ;'723 (7,'(J 6513$ '1 >0'<0 205 >(2 85<,(758 %: 551$ (2 45'1- NQ: 23,9 (18 ,(>J ; : ,,9 '22: 58 ;7. 6 305 4,. . 8 7. 9(,$ (<<. 78'1- '3. '305 . 7857 . ; 2: <<522'. 1 E752<7'458 49 305 523(352 . ; 305 75(,6 '1 305 F 30 95(7 . ; 5179 305 '-030$P (18 . 4257I'1- 30(3 N 305 23(3 : 35 >0575'1 057 ;(3057 0(8 5G<, : 858 057 (18 %: 551 (79 ;7. 6 305 2: <<522'. 1 . ; 305 7. >1 >(2 15I57305,522 1. 3 75E5(,58$P (6851 0(8 (8858 \ N >0575'1 (<. 1=2 >'28. 6 A: E. 1 >0. 6 (2 305 . 7(<,5 . ; 305 ,(> 305 %: 551 >0. ,,9 75,'58 '1 2: <0 6 (33572D '1 2. 65 6 51=2 . E'1'. 1 ; (',58 0'6 I 52E5<'(,,9 <@12'857'1- 3,'(3 . 730: 6457,(18 0(8 . 4Q5<358 '3 (-('123 %: 551 (79 (18 057 A(18 '1 30(3 752E5<3 %: 551 (79 0(8 75E5(,58 '3 (2 ;(7 (2 <. 1<57158 05725,;D$ (18 2. 65 258'3'. : 2 E572. 12 (;357>(782 3. . ?' . <<(2'. 1 3057549 3. ' (335 6 E3 8(1-57. : 2 6 (33572 (-('123 057$ (2 45'1- 1. 3 ,(>;:, ' %''551 (,45'3 30(3 305 1-,'20 ,(>2 0(I5 , . 1- 2'1<5 E7. 1. : 1<58 0 0(3 305 <7. >1 . 1<5 >. 71 3(?530 (>(9 (,, 85J ;5<32 >0(32. 5I57#= P 18 30575 305 ;'723 <. E9 23. EE58#

;357 305 >. 782 N 85;5<3 : 2 3. ,,575 P 305 ; . ,, . >'1- E(22(-5 'Z '1J 257358 '1 (1. 3057 0(18#*

N 4 (,''2 (: 356 0. < 'E2: 6 E7: 8513's (<. 1 8(4(3: 7$ @: '1 3(13n ,5-: 6 (3@: 5 (<3. 7: 6 E57E,5G'3(35 53 '1<. 123(13'n$ <: 6 @: s E7. ' ,'M(4530n ;(<57513 <: 6 '-1. 6 '1'n 53 E7. 47. ' (7's <. 1Q: : <3(' ; . 7513$: ,<: 2 I53: 23(35 . 48: <3: 6 75;7'<(75 1. ,: '3$ 258 @: '4: 28(6 I574'2 (8 0. 1. 756 ,'M(4530s E7s,'4(3'2$ (8 5(71 856: 6 25 (EE,'K <: 57'3 ,5-56$ 2<','<53 85 @: '3 8'G'6: 2$ (11. ' F 517'<' ,(3(6$ @: (5 : 37'. 2@: 5 ;(6s 53 8'-: '3(3' @: . 8(66. 8. ' s@: (' ; : '3#P

N 9 . 30572 0. >5I57 30(3 I579 30'1- >(2 '6E: 358 3. ' (<. 1=2 >'2J 8. 6 I >0. ' '1' 2: <0 E57E,5G'39 (18 '1<. 12'2351<9 . ; ,(>2 (18 (<32$;'18'1- 30(3 305 30'1-2 >0'<0 6(85 ; . 7 ,'M(4530 >575Q. '158 >'30 '-1. 6'19 (18 75E7. (<0 . ; (79$ >(2 : 1>',,'1- 3. ' 7: 4 : E (-('1 (

* 55 5(715=2 58'3'. 1$ E# C# f 4'8$ EK FR!

K ' ' <2 21 ' 3' < 12' " ' ; 1 ' " ' R o $'

2.75' 30 (3' 0(8' 2?'1158$EI57' >'30' (-5' 4 : 3' E75;57758' 7(3057$' (;357'
2. 65' >. 782' E756 '258' '1' 0. 1. : 7' . ;' ,'M(4530$' 3. ' ;(,,' 4(<?' : E. 1' 305'
,(>' (4. I5' 65: 3'. 158 \ (',(>' E(2258' '1' 305' F 30' 95(7' . ;' 5179$' >0'<0'
8'8' 5@: (,'Q: 23'<5' '1' (' 6 (1157' 3. ' 305';(65' (18' 8'-1'39' . ;' 4. 30#P
F# ',5' 30'78' (18' .1,9' 756 ('1'1-' <,(: 25' >0'<0' ' 1. 3'<58' '1' 30'2'
6 (1: 2<7'E3' (2' 45'1-' (3' .1<5' (1' '1357,'15(3'. 1' (18' (' E(22(-5' 45(7'1-'
: E. 1' 305' <0(7(<357' . ;' '7' '<0. ,(2' (<. 1$ 75,(352' 3. ' 305' (4. 73'I5'
<. 1;5751<5' (3' 5236 '12357' . 1' 305' F/23' . ;' (7<0$ / L$ 453>551' 305'
(E'232' (18' 7. 3523(132$' (3' >0'<0' 05' E752'858' (2' 6 . 857(3. 7' (18'
>0'<0' >(2' 47. ?51' . ;' 45<(: 25' 305' (E'232' . 4Q5<358' 3. ' 305' . 7857' . ;'
E7. <558'1-$' (18' 05' >. :, 8' 1. 3' (,,. >' '3' 3. ' 45' (,35758# (6851' 0(8'
75E75251358' 305' (E'232' (2' <. 6E,('1'1-' 30(3' 3059' 0(8' 4551' 0(78,9'
: 258$ 4. 30' 45<(: 25' 3059' 0(8' 0(8' . 1,9' (' 8(9' . 7' 3> . =2' 1. 3'<5' . ;' 305' @: 52J
3'. 12' 3. ' 45' 8'2<: 2258$' (18' 45<(: 25' (<. 1$' (' 6 (1', '33,5' I57258' '1' 305. J
,. -9' (18' (' -75(3' 5156 9' . ;' 305' (E'232$' E752'858' (2' Q: 8-5' W >0575(2'
A (6851' (8858D' 05' >(2' (EE. '1358' . 1,9' 3. ' ?55E' . 7857# ;357' >0'<0'
>. 782$' 305' ; . ,,. >'1-' <,(: 25' A>7'3351' '1' 305' 6 (7-'1' '1' (6851=2' . >1'
0(18D' '2' 6 (7?58' ; . 7' '12573'. 1#
' 58' @: . 8' I57'22'6 : 6$' ',,'' 756' 257': 2' E57E5: 85: 352' 1. 1' (: 2'' 2: 13'
. 13';'<5' . 6 (: . ' '1<. : 2: ,3. ' 752' 3(13(2$' 53' '15<<,52'(. 7((1(6 '1' 65'
<. 137. I572(2$' '1' @: 623'. : 56' I. <(75#P
N : 3' 305' 75(,' 37: 30' >(2' 30(3' >051' 3059' <(65' 3. ' <. 12'857' 305'
6 (3357' 6 . 75' <(75; : ,,9' 3059' 8'8' 1. 3' 8(75' 3. ' <(,,' '1' @: 523'. 1' 30'1-2' . ;'
2: <0' '6E. 73(1<5' (18' (4. : 3' >0'<0' '1' 305' 0: 7<0' . ;' . 65' 30575' '2' 1. '
<. 137. I5729' ,'3' (,,$' >'30. : 3' ; '723' <. 12: ,3'1-' 305' . E5#P' A 6E,9'1-'
30(3' 305'7' <. 6E,('13' . ;' (<. 1=2' <. 18: <3' (2' 6 . 857(3. 7' >(2' (' 6575'
E7535G3$' (18' 30(3' 305'7' . 4Q5<3'. 1' 3. ' 305' . 7857' . ;' E78<558'1-' >(2' '1J
I51358' ; . 7' 305' E: 7E. 25' . ;' E: 33'1-' (1' 518' 3. ' 305' <. 1;5751<5#D

0'2' 45, . 1-58' 3. ' 305' (2357' 75<522'7' >051' N' <. 137'4 : 3'. 1' (18' 75J
37'4 : 3'. 1' P' >575' 305' >. 782' 6 . 23' ; (6 ','(7' 3. ' 305' 5(72' . ;' (,,' (7,'(J
6513' 651#
;' 305' ;7: '32' . ;' 305', . 1-' I(<(3'. 1' >5' 0(15' 1. ' E(73'<: , (7' (<<. : 13' W
; . 7' '3' 8. 52' 1. 3' 0(EE51' 30(3' (19' . ;' (<. 1=2' , '357(79' . 7' E0', . 2. E0'<(,'
>. 7?2' <(1' 45' '8513';'58' (2' >. 7?2' . ;' 30(3' 2: 6 657# >. ' . 7' 30755'
,533572' (75' (,,' 305' 75<. 782' 30(3' 756 ('1#
,'5' ;'723' '2' (' E'5<5' . ;' . ;;'<'(,' 4: 2'1522' 7' '135,,'-'4,5' 51. : -0$' (18'
1. 3' >'30. : 3' I(,: 5' (2' (' 2(6E,5' . ;' 30(3' ?'18' . ;' >. 7?' 7' 30. : -0' 305'
2: 4Q5<3' 8. 52' 1. 3' A2. ' ;(7' (2' ' ?1. >D' E. 22522' (19' 0'23. 7'<(,' '1357523#

30575; . 75' '3' 6 (9' E,5(25' 9 . :' 3 .' 2'-1';9' : 13 .' 0'2' . 7820'E$' (2' >5,,' 305' 23(35' . ;' 305' <(: 25' 05753 . ; . '-5' . E5158$' (2' 6 9' . E'1' . 1T' >0'<0' '2$ 30(3' '3' >575' -75(3' E'39' 30(3' 30'2' . 2E'3(,' 20 . : ,8' <. 13'1 : 5' 5'3057' 1 . 3' >5,,' ; . : 1858' . 7' 1 . 3' >5,,' 5 6 E, . 958$ 305' 7(3057' 45'1-' 2'3 : (35*' '1' 2 .' E . E : , . : 2' (18' E . . 7' (' 3 . > 1' T' (18' 30(3' 15I57305,522' 0575'1' 2 . 6 5' <. 12'857(3' . 1' 6 (9' 05' 0(8' . ;' 305' E(351355=2' 7' - 03W 4 : 3' ; . 7' 305' E752513' 30(3' >0'<0' '2' (3' ;'723' 6 553' 3 .' 45' 8 . 15' ' <. 1J <5'I5' 3 .' 45$' 30(3' 305' . 3057' E(739' 45' 05(78T' (18' 3 .' 305' 518' 3 .' (I . '8' (' 358' . : 2' 2 : '3' A>0'<0' 6 : 23' 45' 85;51858' > '30' 305' 6 . 1'52' 30(3' 20 . : ,8' - .' 3 .' 305' 2 : 2351(1<5' . ;' 305' E . . 7D' 0'2' . 7820'E' 6 (9' 45' -7(<' . : 2,9' E,5(258' 3 .' 8'75<3' 0'2' ,533572' _'2 >5,,' 3 .' 305' 3 . >1' . ;' 58; . 78' (2' 3 .' 305' E752513' 1<: 6 4513$' 30(3' 3059' 8 .' (33518' (' 2 : 6 6 (79' 05(7'1-' . ;' 30'2' <(: 25'Q A';' 0'2' . >1' -75(3' 4 : 2'1522' >',,' 1 . 3' E576 '3D' 45; . 75' 2 . 65' . 3057' 30(3' 05' 20(,,' (22'-1W '1' >0'<0' ,533572' '3' > . : ,8' 45' 5GE752258' 30(3' 3059' <. 65' E7 . I'858' 3 .' 6 (?5' 85;51<5' (18' (12>57' 3 .' 30755' E . '132' W 30(3' '2$ 305' '1 - =2' 3'3,5' 1 . >' '1' 305' (351355$' 305' . 7857' (18' (-755 6 513' '1' 305' G<05@ : 57$' >09' '3' >(2' 1 . 3' E57; . 76 58T' (18' 305' 523(35' . ;' 305' . 2E'3(,$' >053057' '3' 45' 85<(958' (18' 6 '25 6 E, . 958#

18' 2 .' ' ,5(IB' 3 .' 37 . : 4,5' 9 . : 7' . 1 . : 7$' ;7 . 6' 7(9=2' 1,'$' F78' : - : 23$' /B/ #

. : 7' . 1 . : 7=2' 3 .' 8 .' 9 . :' 257I'<5#

; % ' #

F#

05' 15G3' ,53357' 75I5(,2' (1' '1357523'1-' (18' : 15GE5<358' ;(<3$' >0'<0' 30 . : -0' 305' 5I'851<5' 0(2' 4551' 45; . 75' 305' > . 7,8' '1' 7# . 13(- : =2' 58'3' . 1' . ;' (<. 1' 2'1<5' / F $' 0(2' 756 ('158' 0'30573 . $' 2 .' ;(7' (2' ' (6' (>(75$' : 11 . 3'<58#

5' ,5(71' ;7 . 6' '3' 30(3' 3',,' 15(7,9' 305' 518' . ;' : - : 23' /B/ ' (<. 1=2' 6 . 3057' >(2' 23',,' ,'I'1-# 5' 0(I5' 05(78' 1 . 30'1-' . ;' 057' 2'1<5' 305' R' E7'1-' . ;' /B $' (18' 3051' . 1,9' 30(3' 057' N' 05(,30' >(2' > . 71' (18' 305' 2',51<5' (4 . : 3' 057' '2' 2 .' <. 6 E,535' 30(3' '3' 0(2' 4551' 2 : EE . 258' 30(3' 205' 8'58' 2 . . 1' (;357#*' 0(3' >5' 0(I5' 1 .' ' . #,(357' 8(35' ;7 . 6' 057' . 7' 3 .' 057$' '2' '18558' 1 . 3' 2 : 7E7'2'1-# 0 . 25' . ;' 5(7,'57' 8(35$' . ;' >0'<0' >5' 0(I5' 2 : <0' (' -75(3' 1 : 6 457' '1' 305' (6 4530' <. ,,5<3' . 1$' > . : ,8' E7 . 4(4,9' 15I57' 0(I5' 4551' 05(78' . ;' 4 : 3' ; . 7' 130 . 19' (<. 1=2' 0(4'3' . ;' ?55E'1-' (,,' 0'2' <. 7752E . 1851<5' > '30 . : 3' 8'23'1<3' . 1$' (18' <. 125@ : 513,9' ,5(I'1-' 450'18' 0'6' 2 .' 6(19' 4 : 18,52' . ;' '6E57;5<3,9' (77(1-58' E(E572$' 305' I(,: (4,5' (18' 305' > . 730,522' 6'G58' <. 1; : 258,9' 3 . -53057$' 30(3' 3059'

* 55' . ,# # E# # F' . -7$' 7'3(1#

XI7575 E7.4(4,9' 15I57' 5'3057' 2.7358' .7' 5G(6'158' 8:7'1-' 0'2' 47.3057=2' ,';5# 19' <.7752E.1851<5' >0'<0' E(2258' (;357>(782' >'30' 057' .7' (4.:3' 057' >.:,8' 1(3:7(,,9' 45' ?5E3' 25E(7(35$ (18' 2.' 85237.958'$.7' ,.23' (,,' 3.-53057# :3' 30.:-0' 305' 8'2(EE5(7(1<5' .;' (,,' ' '2' 5(2',9' (<<.:1358' ;.7$ 305' (4251<5' .;' (,,' <(2:(,' ' .;' 057$ 307.:-0' 2.' 6(19' 95(72$ '2' 1.3' 2.52E5<'(,,9' '1' 2:<0' (' 30'1-' (2' 305' \ ) d ' ;' >0575' ';' 205' 0(8' 4551' 23',,' ,'I'1-' '1' 305' 51Q.9651 3' .;' 05'' 8.>57$ 5'3057' (3' .70(64:79' .7' 5,25>0575$ 305' I579' '1I513.79' .;' 305' 523(35' <.:,8' 1.3' 0(I5' 4551' <.6E,535' >'30.:3' 75;5751<5' 3.' 057# 05' ;(<3' 30(3' 30575' '2' 1.3' (' 2'1-,5'K(,,:2'.1' 3.' 057' 307.:-0.:3' 30(3' 1.35K4..?' >.:,8' <573('1,9$ 4:3' ;.7' 305' 5I'851<5' .;' 305' 15G3' ,53357$ 0(I5' 2(3'2;'58' 65' 30(3' 205' 8'58' 45;.75' 305' 8(35' .;' '3 1' (18' A305' 5I'J 851<5' .;' 305' 15G3' ,53357' E7.I'1-' <.1<,:2'I5,9' 30(3' 205' >(2' 23',,R(,'I5D' >5' (75' ,5;3' 3.' (<<.:13' ;.7' '3' (2' >5' <(1# 05' 2:EE.2'3'.1' >0'<0' 25562' 3.' 65' 6.23' E7.4(4,5' '2' 30(3' 205' ,.23' 305' <.66(18' .;' 057' ;(<:,3'52' 2.65' 95(72' 45;.75' 057' 85(30$ 30(3' 305' 6(1(-56513' .;' 057' (;;('72' >(2' 3(?51' .:3' .;' 057' 0(182$ (18' 30(3' 2.654.89' >(2' 56E,.958' 3.' 3(?5' <(75' .;' 057# 0575' p75' 296E3.62' '1' 057' 5(7,'57' <.7752E.1J 851<5' .;' (1' 5G<'3565 13' (18' '77'3(4','39' >0'<0' 6'-03' 5(2',9' 518' '1' 30(3' >(9' (18' ';' '3' 8'8$ 305' 2',51<5' >.:,8' 45' (<<.:1358';.7# 05' .1,9' (,,:2'.1' 3.' 057' ,(357' 95(72' >0'<0' ' 0(I5' 653' >'30' '2' '1' '20.E' ..86(1=2' L .:73' .;' '1-' (652'305' '723$=(18' '2' '1'30525' >.782W \' N' :3' ;.7' (<.1=2' 6.3057$ 205' >(2' 4:3' ,'33,5' 453357' 30(1' ;7(13'<' '1' 057' (-5#P! 0575' >W575' 3'652' 453>551' / L#F' (18' / LC' >051' (,6.23' 305' 2(65' 30'1-' 6'-03' 0(I5' 4551' 2('8' .;' 057# :3' ';' 057' ;7(13'< 6..82' 3..?' 305' 2(65';.76' (18' 45<(65' 6.75';75@:513$ '3' '2' 0(78' 3.' '6(-'15' 0.>' 3059' <.:,8' 0(I5' 52<(E58' (,,' 1.3'<5# 3' 25562' 6.75' ,'?5,9' 30(3' 305' 6.74'8' '77'3(4','39' >R(2' 305' E75<:72.7' .;' 85<(9$ (18' 30(3' 205' -75>' 05,E,522' (2' 205' -75>' .,857# 57' 5G(<3' (-5' ' 0(I5' 1.3' 4551' (4,5' 3.',5(71$ 4:3' 205' >(2' 305' 25<.18' .;';'I5' 8(:-03572$ (18' 057' 5,8523' 2'2357' >.:,8' 0(I5' 4551' C' ';' 205' 0(8' ,'I58'W 2.' 30(3' >5' 6(9' E752:65' 205' >(2' (4.I5' #^

.' %' (#+ , ' #:/

'7' '<0(5,' '<?2$

3' '2' 4:3' (' >'20' (18' 1.3' (19' >(92' 3.' 852'75' '3' 3.' 9.:7' 37.:4,5# :3' ' 05(73',9' >'20' ' 0(8' 9.:7' <.6E(19' 0575' (3' 69' $ .3057=2';:157(,' >0'<0' ' E:7E.25' .1' 0:728(9' 15G3' '1' 305';.75K

Ċ .,# # E# #
^ ,'5' 0(8';.:7' 47.30572$ 4:3' 305' 4'.-7(E0'<(,' 4..?2' 8.' 1.3' 2(9' '1' >0(3' .7857' 3059' <(65#
^ (128# # # ;.# / F# 7'-#.>1' 0(18$ 8.<?5358' N C' :-# /B/ # -E' 7(# (<.1#P

1..1# ' 8(75' E7.31'2E' 9.:' (' -..8' 2576.1'3.'45' 6(85' 49' 7# 513.1'305'E75(<057'.;' 7(9R2' 11T ;.7'05'15I57' 6(?530'.3057# 5(23' ' 6(?5'1.15# :3';' ' 6.:-03'0(I5'9.:7'<.6E(19';.7'3>.' .7'30755'8(92' (3' 69'0.:25' ' 20.:,8'E(22' .I57'30'2'6.:71;:,' .<K' <(2'.4*' >'30' 6.75' <.6;.73# ;' 9.:7' 2.1' 0(8' <.13'1:58'(3' Ù :,'(1R2''3'6.:-03'0(I5'4551'(1'(8(6(13'3.'0(I5'87(>1'9.:'T 4:3' 1.>' ';'9.:'<.65' ' 6:23'2(9''3''2'.1,9';.7'69'2(?5# ' <.66518' 6925,;'3.' 69' (89$(18' <.66518' 69' >';5' 3.' 9.:' 4.30$(18' 7523

.:72'5I57'(22:758

(# #

0'2R .18(9'305'

305' CN*.;' :-:23'/B/ #

H#

1' 69'E75;(<5'3.'Ù 05'45-'11'1-'.;'305' '23.79'.;' 75(3' 7'3('1$=* ' -(I5'69'75(2.12'.;.7'2:EE.2'1-'30(3''3' >(2'>7'3351'(3'305'518'.;' /B L'.7'305'45-'11'1-'.;'305'15G4'#95(7# ' (6'1.>#7(3057''1<,'158' 3.'E,(<5''3'(',''33,5',(357$(18'3.'75-(78''3'(2'.15'.;'305';7:'32'.;'305' 2:6657'I(<(3'.1'.;' /B/ # 9'<0'5;'75(2.1';.7'E,(<'1-''3'2.'5(7,9' >(2'30(3'30575'25566 58'3.'45'(1'(,,:2'.1'3.'305'2:4Q5<3''1'(',53357' >0'<0' '3051'2:EE.258'3.'0(I5'4551'>7'3351''1'305'2E7'1-'.;' /B/ T 4:3'(6'1.>''1<,'158'3.'E,(<5''1' (1:(79'.7' 547:(79$/B//# ;'>5 2:EE.25'30(3'305'75(8'1-'.;' (6851=2' Ù 11(,2'.;'%# ,'M(4530$= (18'305''1357523'305' '1-'>(2'3(?'1-''1'3056'(4.:3' (2357'/B/ $E:3' '13.' (<.1=2' 05(8'305'1.3'.1'.;'>7'3'1-'(' 0'23.79'.;'305'E75251 3' 75'-1$'305'15G3'I(<(3'.1'>.:,8'45'305',''?5,'523'3'65';.7'45-'11'1-''3T (18'305',53357'>0'<0'(<<.6E(:'58'305'2(6E,5'>',;';'18''32';'3352 3'E,(<5' 0575# 0(3'305' '1-'30.:-03'.;''3''2'1.3'?1.>1'W 4:3'(2' (<.1' 15I57'>513'.1'>'30''3'(19';:73057$' 2:EE.25'05'8'8'1.3'6553'>'30' 6:<0'51<.:7(-56513# 0'<0'>(2'('E'39#R

' < , ,%' ' + ,' - ')$ ' + ,' /, 0 ') ' + ' *' ' 29 9' ' ' ' ' ' ' (2 5:/' (2K

3'6(9'E,5(25'9.:7' (Q5239$

5(7'1-'30(3'9.:'(75'(3',5'2:75'3.'E57:25'23.79$('852'75' 3..?'65'3.'6(?5'(1'5GE57'6513'>0(3' '<.:,8'8.'1'9.:7' (J Q5239R2'3'652# 0'<0'45'1-'4:3'(Q5(;'.7'3>.$' 'E7(9'9.:7' E(78.1'';' ' 2518''3';.7'9.:7'75<75(3'.1$<.12'857'1-'30(3',.I5'

R '3# (:<;'77.;# .7?2$ # ,< ' ^ 88,# # F#;# C# 4#

6:23'<755E'>0575'3'5(11.3'-.# :3'3.'30'2' '(88'30525'E53'J 3'.12# '723$'30(3''';'9.:7' (Q5239'8.'8'2,'?5'(19'30'1-$'9.:' >.:,8'5.1<5'15' '<(1'(6518'3':E.1'9.:7',5(23'45<?# 5G3$ ';' '0(15'1.3'2E.?51'.;'9.:7' (Q5239'51<.6'(23'<(,,9$'9.:7' (Q5239'>',,'45'E,5(258'.1,9'3.'(2<7'45''3'3.'305',(>'.;'(1'0'2J 3.79$'>0'<0'8.30'1.3'<,:3357'3.-53057'E7('252':E.1'305';'723' 6513'.1'.;'(' 1(65$'4:3'7(3057'8'2E572530'(18'>5(1530'3056' 307.:-0.:3'305'>0.,5'1(77(3'.1$'(18'(2';.7'305'E7.E57'E,(<5'.;'(' <.6656.7(3'.1'A>0'<0'2''1'305'E57'.8'.;',;50'E7(9'.8' 6(9'1515 7',15'3.'>7'35''3# 0'78,9$'30(3'305'75(2.1'>09'E75J 2:658'3.'30'1?'.;'30'2'.4,(3'.1$'>(2'455(:25$'>0(32.5157'69' 8'2(4','39'45$'953'20(,,'0(15'30(3'(81(13(-5'>0'<0'A(,6.23D'1.' >7'357'.;'0'23.79'0(30'0(81'1'30(3'20(,,'>7'35'.;'3'652'1.3' .1,9'2'1<5'<.:,8'75656457$'4:3'2'1<5'<.:,8'.4257 5# 18' ,(23,9$'30(3''3''2'.1,9';.7'9.:7' (Q5239=2'75(8'1-#

#

6.1-'305'-7'51(1<52'1<,:858'1'305' 53'3'.1'.;'305' .:25'.;' .66.12$.15'>(2'305'(4:25'.;' .9(,' 7.<,(6(3'.12'1'>0575$49';.7J 4'88'1-'E5.E,5'3.'8.'<573('1'30'1-2$':1857'E51(,3'52'>0'<0'<.:,8'45' 51;.7<58'49'345' 3(7' 0(6457$'305' 7.>1'8'8'1';(<3'(22:65'('E.>57' .;'E51(,',5-'2,(3'.1# 05'E(73'<:,(7'E7.<,(6(3'.12'3.'>0'<0'5G<5EJ 3'.1'>(2'3(?51'(2'<.13('1'1-'<,(:252'.E51'3.'30'2'.4Q5<3'.1'>575$ .15'75,(3'1-'3.'305'5,5<3'.1'.;' 1'-032'(18' :7-52252$'; .:7'3.' 4:',8'1-$'3>.'3.'305'6(1::(<3:75'.;'23(7<0$^'(18'.15'3.'305';.,8'1-' .;'>..,2#' .'30'2'(73'<,5'305' '1-=2'(12>57'>(2$N';'2'3051<5'305' 45-'11'1-'.;'.:7'75'-1' 7.<,(6(3'.12'0(15'4551'6.75';75@:513'30(1' '1';.7657'3'652$.7'0(15'5G351858';:73057'30(1''2'>(77(1358'49' (>$ >5'3(?5''1'-..8'E(73'3.'45'1';.7658'30575.;'49'.:7',.I'1-'2:4Q5<32$ (18'3(?5''3'3.'05(73'(2'('6(3357'.;'-75(3'<.125@:51<5$'(18'30575;.75' >5'>',,'0(15'<.1;5751<5'>'30'.:7'7'19'.:1<',$(18'>'30'.:7':8-52' (18'5(7158'.:125,$(18'>',,'<(:25'2:<0'.:7'7.<,(6(3'.12'(2'(75' E(23'3.'45'75;.7658$>0575'<(:25'20(,,'45';.:18'1'(18';.7';:3:75'3'65' >',,'E7.I'85'30(3'1.15'45'6(85'4:3'2:<0'(2'20(,,'23(18'>'30'345';.7657' ,(>2'.7'23(3:352'.;'30r'?'1-8.6$(18'2:<0'(2''1'<(252'.;'15<522'39' .:7'7.-51'3.72'0(15'49'305'7'757.-(3'15'.9(,':258''1'3'652'.;'305' 4523'(18'0(EE'523'-.I5716513'.;'30'2'?'1-8.6#P^

Ċ //' (1# /B FKH#
' ;'/B' 5E# /B F#
/' :750' /B FKH#
' , ' <3# /B C#
, ' :31' /B #

^ F' :-# /B C#
' ' :,9' /B #
Ж / ' :15' /B H#
U' # #'E# B L#

6(3'.1'<(11.3'<75(35'(19'.;;51<5'>0'<0'>(2'1.3'(1'.;;51<5'45;.75'#'#'#
30(3'054(2'1.'E757.-(3'I5'4:3'30(3'>0'<0'305',(>'.;'305',(18'(,,.>24'7('
#'#'#(18'30(3';'305'.;;51<5'45'1.3'E:1'20(4,5'1'305'3(7'0(6457$'305'
E7.0'4'3'.1'.;'3'49'E7.<,(6(3'.1'<(11.3'6(?5'3'E:1'20(4,5'30575#PR
.';(7$'305''1-'0(8'6(85'-..8'0'2'E7.6'25'3.'<.1;57'>'30'305'
:8-52†(18'305'752:.,3'.;'305'<.1;5751<5'0(8'4551'<,5(7,9'1';(I.:7'
.;'305'I'5>'6('13('158''1'305'E53'3'.1'.;'77'5I(1<52#3'756('158'
.1,9'3.'6(?5'-..8'3,'5'7523$'49'75;.76'1-'2:<0'E(23'E7.<,(6(3'.12'
(2'>575'1<.12'23513'>'30'30'2'752.,:3'.1$(18'E7.I'8'1-'30(3'1.'6.75'
2:<0'45'22:58#'<<.78'1-,9'.1'305'/30'.;'5E3564571/B/$'('E7.J
<,(6(3'.1'>(2'E:3';.730'N'2'-1';9'1-'0'2'(Q5239=2'E,5(2:75'3.:<0'1-'
2.65';.7657'7.<,(6(3'.12WP'49'>0'<0'('<.12'857(4,5'1:6457'A'1J
<,:8'1-$''30'1?$'(,'30.25'2E5<';'58''1'305R'53'3'.1D'>575'>'3087(>1#
18';.7'305';:3:75$>5'0(I5'3'.1'.?5=2'.>1'(:30.7'39'30(3'N'(;357'
30'2'752.,:3'.1'1.'E7.<,(6(3'.1'6E.2'1-';'15'(18'6E7'2.16513'>(2'
(;357>(782'6(85#P]

E.1'30'2'(73'<,5'30575;.75'.;'305'7'E53'3'.1'3,'5''1-'>(2'E75E(758'
3.'6553'305'.66.12'>'30'('<,5(7'<.1<522'.1'†('6:<0'45335730'1-'
;.7'E752513'E:7E.252'30(1'305'6.23'<.1<,:2'I5'Q:23';'<(3'.1'>.:,8'
0(I5'4551#

5I57305,522'305'30755'6.1302=<.12'857(3'.1'(18'8'2<:22'.1'1'
305'<.:1379'.;'305'3577(2'.;'305'75(3'.137(<3'0(8'1.3'351858'3.'
26..30''32'>(9'>'30'5'3057'E(739#18'30.:-0''3'6'-03'2556'30(3'
(1'(77(1-5651313'2.'(8I(13(-5.:2'3.'305'7.>1'20.:,8'0(I5'0(8'(,,'
305'05,E'>0'<0'305'.:73'E(739'<.:,8'-'I5$30'2'8.52'1.3'(EE5(7'3.'
0(I5'4551'3,'5'<(25#(?5'305';'-:752'(2'-'I51'1'305'.:71(,2'.;'305'
.:25'.;'.66.12$(18''3'2556'2''6E.22'4,5'3.'8.:43'30(3'(2'(';'1(1<'(,'
(77(1-5651313'305'7.>1'>.:,8'75<5'I5'49''3'('-75(3'85(,'6.75'30(1''3'
-(I5'†(18'>.:,8'45'6(85'6.75''185E518513'.;'(7,'(6513'30(1''3'
0(8'5157'4551'45;.75$.7'>(2'5157','?5,9'3.'45'(2',.1-'(2'.,8'E75<5J
85132'>575'05,8'2(<758#:3'305'.66.12'>.:,8'1(3:7(,,9''1<,'15'
3.'(4(35'305'E7'<5'.;'30(3'>0'<0'3059'>575'-.'1-'3.'4:9'†(18''1'
523'6(3'1-'305'75151:5'857'I58';7.6'(7820'E2'(18':7159(1<5'(3'
$#$''3''2','?5,9'51.:-0'30(3'3059':1857I(,:58''3#1.3057'<(,J
<:,(3'.1$(337'4:358'3.'1.',522'('6(1'30(1''7':,':2's2(7$3051'
0(1<5,,.7'.;'305'G<05@:57'(18''1'<,.25'(,,'(1<5'>'30'(,'24:79$
523'6(352'305'7'-032'3.'45'E(7358'>'30'(2'>.730'//$/#('95(7'12'
3051'(86'1'235758$(18'(2'<(E(4,5'.;''6E7.I5651332'>'<0'>.:,8'
9'5,8'$/#('95(7'6.75#N.>';'1'5G<0(1-5';.7'305'$/#

R'.?5# 5E# #E#CB#]' 5E# #K C^K
^ (I,# 54#$ $ EE518'G' #

' ' ' ' ' # ^ + $' a!#'

95(7,9' 2:EE.73' 305' 7.>1' >(2' 3.' -'I5' :E' // $ ' ('95(7' '1' ;
(18' $ j# (' 95(7' '1' ;'3.-53057' >'30' 305' (:30.7'39$' '1;,:51<5$' X
(18' 75E:3(3'.1' >0'<0' >513' (,.1-' >'30' 305' 5G'23'1-' 351:752$' (18' (3'
305' 20915' 3'65' (,,' 0.E5' .;' .<<(2'.1(,' (22'23(1<5';7.6' (7,'(6513\ \'
';' (' 6(1' 2.' >5,,' '1;.7658' .1' 2:<0' 6(33572' (2' 305' 0(1<5,,.7' .;' 305'
G<05@:57' <.:,8' 6(?5' '3' (EE5(7' 49';'-:752' 30(3' 305' '1-' >(2' '1';(<3'
-'I'1-' :E' .;' 0'2' .>1' 305';:,,' 5@:'I(,513' '1' 6.159' .;' 30(3' >0'<0' 05'
>(2' 4(7-('1'1-' 3.' 75<5'I5$(18' (' -..8' 85(,' 6.75' '1' 6.159=2' >.730$
(18' 30(3' 0'2' E752513' 15<522'3'52' >.:,8' 756('1' :175,'5I58$\ '3' <.:,8'
1.3' 0(I5' 4551' 8';;'<:,3' 3.' 8'23(235' 0'6' >'30' 305' E7.E.258' (77(1-5J
6513# 18' 30575' >575' 6(19' (4.:3' 0'6' >0.';7.6' E7'1<'E,5'.7' '1357J
523' >.:,8' 1(3:7(,,9',(4.:7' 3.' 85357' 0'6';7.6' <.1<,:8'1-' '3# 0(3'
305' E5.E,5' >575' 3.' -('1' 49' 305' 756'22'.1' .;'30525' 8:52' .;' 305' 7.>1'
>(2' >0(3' 305' 6'88,5651' 307.:-0' >0.6' 3059' >575' <.,,5<358' 0(8' 3.'
,.25# 05' >0.,5' 0.23' .;' 2:'3.72$' 0'-0' (18',.>$' >.:,8' 45' '135752358'
(-('123' 305' <0(1-5# 18' ';' 30575' >575' 1.3' (,2.' 6(19' 6.23' 752E5<3J
(4,5' (18' 8'2'135752358' E572.12' >0.' 2(>' '1' 305' (4(18.1651 3' .;' '6J
656.7'(,' <:23.62' 305' 7:'1' .;' 305' <.123'3:3'.1' .;' >0'<0' 3059' 0(8'
4551' 305' 4:,>(7?2$' 305' -513,5651 .;' 1-,(18' 6:23' 0(I5' :1857-.15'
(' -75(357' <0(1-5' 2'1<5' (652=2' 3'65' 30(1' 1(3:75' 2556 2' 5157' 3.' E57J
6'3' '1' 305' 2(65' 7(<5' (18' <,'6(35# 3' '2' 37:5' 30(3' 305' .:25' .;'
.782$' 2.' ;(7' (2' >5' <(1' -(3057' 305'7' E7.<558'1-2';7.6' 305' .:71(,2$
2:EE.7358' (,'24:79' 307.:-0.:3' >'30' :1(1'6'39' \ N' 305',33,5' 45(-,5'
0(8' 7:1' (' 37:5' (18' E57;5<3' 2<513' >0'<0' 47.:-03' 305' 7523' .;' 305' -75(3'
0.:182' 3.' (' E57;5<3' 3:15#P * :3' 305',.9(,39' >0'<0';.74(85' 3056' E:4J
','<,9' 3.' .4237:<3' (' E.,'<9' >0'<0' 305' '1-' 0(8' 4551' E572:(858' E:4,'<,9'
3.' (8.E3$' <.:,8' 1.3' E75I513' 3056';7.6' 25<753,9' 8'2,'?'1-' (18' 85E,.7'1-$
(18' E7'I(35,9' >(71'1-' 305' '1-' (-('123' '3# 3' >(2' 75E.7358' (4.:3' 30'2'
3'65' 30(3' (,'24:79' >(2';(,,'1-'.:3'.;';(I.:7$(7'8' A30.:-0'7:6.:72'3.'
3,'(3'5;;5<3' >.:,8' 1(3:7(,,9' 45' 2:--52358' 49' 305' 7'25' .;' (77$(18' 6'-03'
0(I5' 1.' .3057' -7.:18D' ' (6' '1<,'158' 3.' 45,'515';7.6' '20.E' ..8J
6(1=2' 751'(7?2' :E.1' >0(3' 05' <(,,2' 0'2' N';(,,$P' 30(3' 30575' >(2' 2.65'
37:30' '1' '3#

N' 05' 37:5' <(:25' .;' 0'2';(,,' P' A2(92' 305' '20.ED' N' >(2' 30'2\ \(' -75(3'
E557' .;' 305' ?'1-8.6',9'1-' :E.1' 0'2' 85(30K458' 2513' 305' '1-' >.78' 05

' N ' 2 d E572:(858' 30(3' (;357' 30'2' <.137(<3' E(2258$' 305' '1-' 6(9' :18.:4358,9'
752.,I5'3.'75<5'I5'1.'6.75'2:42'8'52'.7';'3551302';7.6'0'2'2:405<32'1'3'65'.;'E51<5#
.7'30(3'2' E(7<5,'.;' 305'7' -7.:18>.7?$' >0575:E.1'3059' (75' E7.E.258' 3.' >'1' 305'7'
<.:137'52=<.1251 3.' 30'2' <.137(<3' ;.7' 15'3057' 20(,,' 305' '1-' 1558' '3$(2' 3059'
E7535 18$' 0(I'1-' 30(3' 95(7,9' E.73'.1';7.6' 3056$' 15'3057' >',,' 305'7' <.:137'52' 45'(4,5'
3.';:71'20' (19' 6.75 30(1' 30(3' $ '$(' 95(7#P' '(,.-:5'.1' 305' 75(3' .137(<3'
A 1128# # / /$;# / ' (D' 2:EE.258' 3.' 45' >7'3351' 49' '7' :,# ;;'2(7\ E7'1358' '1'
C D' /B/ $'7 ' C
= '7' .-57' 23.1'3.' .78' \ # # # .6# (652' #$' I.,# B$' 1.$' H #

>(2' 852'7. :2' 3.' 2E5(7' >'30' 0'6# 05' '1-$ (2'0'2' 6(1157' >(2$ 852'7'1-' 3''(3' 1.' 1.3'<5' 6'-03' 45' 3(?51' .;' 0'2' <. 6'1-$ 2513' 305' (7,' .;' :14(7' 3.' I'2'3' 305' 2'<7' 6(1$ 5G<:2'1-' 0'625,;' ;.7' 1.3'<. 6'1-$ (18' 852'7'1-' 0'6' 3.' '6E(73' 3.' 305' (7,' >0(3' 05' >. :,8' 2E5(7' :13.' 0'6$ (18' 05' >. :,8$ 3(?5' '3' I579' ?'18,9# 575' 305' 2'<7' 6(1' 8'8' 5GE7522' -75(3' (;;5<3'.1'(18' 8:39' 3.' 305' '1-$ (18' 852'758' 0'6' 1.3' 3.' ,.25' (19' E(73' .;' 0'2' E757.J -(3'I5$ 52E5<'(,,9' 305' .:73' .;' (782' (18' .3057' -75(3' 7.9(,3'52' >0'<0' 0'2' E75855522.72' 0(8$;.7' ';' 05' 20. :,8' E(73' >'30' 30520'R05' 20. :,8' 0(78,9' 45' (4,53.' -. I5717' 30(3'305'2:405<3'>(2' 6.75' .458'513'(18'8'8' .42571 5'305' '1-' 6.75';.7'30525'30(1';.7'(19' .3057',(>2'.7' .3057' 752E5<32' >0(32.5157' 30(3' 305' 2:405<3K>(2' 4. :18'3.'75,'515'0'6' (18'3.' 2:EE,9'0'2' .<<(2'.12' >'30J . :3'(19'2:<0'<.137(<3'1-21' (18'30575;.75'05'8'8'852'75'0'6$;.7'305'15<522(79' 2:EE.73' .;' 0'2' .>1' -. I5716513$ 1.3' 3.' E:3' 0'2',(182' :13.' ;55K;(7621' (18' >0575(2' (3' 30'2' 3'65' 2.65' 8'8' 5185(I. :7' 3.' 51-7.22' (18' 6.1.E.,'25' 305' '1-$' (18' ?5E3' .3057' (4,5' 651' . :3' .;' 0'2' 2571'<5$ 30(3' 305' '1-$ (2' .8' 0(8' 4,52258' 0'6' >'30' >'28.6' (18' Q:8-6513$ >. :,8' 3(?5' 2:<0' (4,5' 651' '13.' 0'2' 2571'<5 (2' 6'-03';7.6' 3'65' 3.' 3'65' 45' ;('30;:,' 3.' 0'6' (18' 3.' 0'2' 2:<<522.72# 051' 305' (7,' .;' :14(7' 0(8' 85,'I5758' 30'2' 6522(-5 3.' 305' '1-$ 305' '1-' >'2058' 30(3$ ';' '3' 6'-03' 23(18' >'30' .8=2' >',' b30(3a' 05' >575' / $;# '1' 8543' 3.' 2(I5' 0'2' ,';5' (18' 5157' (;357' 305' (7,' .;' (,'24:79$ >0.' 0(8' 4551' (' -75(3' 23'7757' '1' 30(3' 4:2'1522$ (18' >(2' 305' 6(1' ('658' (3$ 45-(1' 3.' 85<,'15#P*

0.' 30'2' 89'1-' E557' 6(9' 0(I5' 4551' ' 8.' 1.3' ?1. >$ 1.7' 0. >' 6:<0' <758'3' 6(9' 45' 8:5' 3.' '20.E' . .86(1=2' 75E.73# :3' '0(I5','33,5' 8. :43' 30(3' 30575' >575' 6(19' E5.E,5' >0.' 3. .?' 30'2' I'5>' .;' 305' @:523'.1$ (18' 30(3' '3' >(2' .15' >0'<0' >. :,8' ;'18' 5(29' 5137(1<5' '13.' 305' '1-=2' 6'18# .>' ';' 305' '1-' ;5(758' 30(3' 305' .137(<3' >. :,8' 85,'I57' 0'6' 4. :18' '13.' 305' 0(182' .;' 305' E5.E,5$ (18' 305' E5.E,5' ;5(758' 30(3' '3' >. :,8' 85,'I57' 3056' 4. :18' '13.' 305' 0(182' .;' 305' '1-$ (18' (,'24:79' ;.752(>' 30(3' '1235(8' .;' 523(4,'20'1-' 0'6' '1' 305' '1-=2' ;(I. :7' '3' >. :,8' 8'2<758'3' (18' 85;5(3' 0'6$ '3' '2' 5(29' 3.' :185723(18' >09' A'1' 2E'35' .;' 305' ;.76(,' (<<5E3(1<5' .;' '3' '1' 2:423(1<5' 49' 305' 3>.' .:2520' 305' <0(1<52' >575' (-('123' '32' 45'1-' <(77'58' 307. :-0# ;' (,' E(73'52' 0(8' 4551' 5(-57' 3.' <.1<,:85' '3$ 305' 8';;'<:,3'52' >. :,8' 0(I5' 4551' -75(3# ;.7' 3059' 0(8' 23',,' 3.' (-755' :E.1' 305' 6(1157' .;' 7('2'1-' 305' 6.159' (18' :E.1' 305' 25<:7'3'52' ;.7' E57;.76(1<5' .;' 305' <.137(<3' .1' 5'3057' 2'85#^' ;' (,' >575' (;7('8' .;' '3$ '3' >(2' 2:75' 3.' 475(7' :E.1' .15' .7' .3057' .;' 30.25' 8';;'<:,3'52#

05' .:252' 653' (-('1' .1' 305' 30' .;' <3.457' (<<.78'1-' 3.' 305

* .:73' .;' # (652$ I.,# '# E# H #

' N 05' 6(1157' .;' 305',519' (18' 305' (22:7(1<5' (75','?5>'25' E:3' .;;' 3',,' 15G3' 6553'1-$ >'3,'.:3' 2.' 6:<0' (2' (19'<.:725'3(?51'3.' 45' 6.75'75(89' '1'3,'.6' '1' 30'2' 3'65' .;' I(<(3'.1'# >0'<0' '2' 30. :-03' 2.65>0(3' (' E75E.2357. :2' .7857$ 3.' E7.6'25' 6.159' (18' 1.3' 3.' <.12'857' 0.>' .7' >0575' 3.' 0(I5' '3#P' (7,53.1' 3.' 86:182$:,9' $ /B/ #

<2 21 ' -3' < 2' " ;' ; 1 K ' " ' R) $' ,#Q

.7857$ (18' ';' 345';' ;55,'0R-' >'30' 75-(78' 3.' 305' .137(<3' 0(8' 4551' 305' 2(65' (2' >051' 3059' 5G<0(1-58' 657(.'R'(,2' '1' :,9$' 3059' 0(8' .1,9' 3.' -.' .1' >'30' '3# 3' 25562$ 0.>5157$ (2' ';'15'3057' E(739' 0(8' 4551' 8'2K' E.258Q'Q.' 3(?5' 305' ;'723' 235E# 0(3' >(2' ' .1' 305' 2:4Q5<3' '1' 5'3057' .:25' >5' 0(15' 1.' 65(12' .;' ?1.>'1-$';.7' 305' .:71(,2' .;' 305' .782' -'15' 1.' 1.352' .;' 305' 854(352$' 305' .:71(,2' .;' 305' .66.12' ;.7' 30(3' 2522'.1' 0(15' 4551',.23$ (18' 305' E7'I(35' .:71(,' 8'2<.I5758' 49' 7# (78'157' <.13('12' 1.' 1.3'<5'.;' >0(3' E(2258' 8:7'1-' 305';'723';.73J 1'-03# :3' 6.75' 30(1' (' >55?' 0(8' -.15' 49' >'30.:3' (1930'1-' ' 49' 5'3057$ >051' 305' .782' '1I'358' 305' .66.12' 3.' (' .1;5751<5# 0(3' 0(EE5158' (3' 30(3' .1;5751<5' A>0'<0' 3..?' E,(<5' .1' 305' 30' .;' <3.457D' >5' 8.' 1.3' ?1.># 5' ?1.>' .1,9' 30(3' 305' 15G3' (<3'.;' 305' .66.12' (2' 3.' 2518' ;.7' (' 37:5'<.E9'.;' 305' '1-=2' (12>57' 3.' 305'7' E53'3'.1' .;' 7'5I(1<52T' (18' 30(3' 305'7' 513573('1651 3' .;' 305' @:523'.1' >(2' 2.' 8:4'.:2' .7' 2.' 8',(3.79' 30(3' 305' '1-'30.:-03' '3' 15<52J 2(79' 3.' 5GE.23:,(35' >'30' 3056$ (18' 75@:'75' (' '752.,:35' (18' 2E5589' (12>57$ >05305T' 3059' >.:,8' E7.<558' >'30' 305' .137(<3$ 95(' .7' 1.#PR 05' 1.35' >0'<0' 756('12' .;' 305' E7.<558'1-2' 30(3' ;.,,.>58$ 30.:-0' '3' '2' 4:3' (' 2<7(E$ 51(4,52' :2' 3.' :185723(18' >0575' 305' 8'; <:,39' 75(,,9' ,(9$ (18' >09' 305' .137(<3$ 0(I'1-' (8I(1<58' 2.' ;(7$ <.:,8' (8I(1<5' 1.' ;:73057# .30' E(73'52$ >051' 3059' <(65' 3.' ,..?' (3' '3' <,.25$ >575' (;7('8' .;' '3# 05' .66.12' ;5,3' 30(3' ';' 3059' 6(85' 305' 7.>1' '185J E51851 3' .;' (7,'(6513$ 3059' <.:,8' 0(15' 1.' 25<:7'39' ;.7' >0(3' 3059' >575' 3.' -53# 05' '1-' ;5,3' 30(3' :1,522' 0'2' 854 3' >575' .1<5';('7,9' <,5(758' .,;$ 305' .66.12' >.:,8' 23',,' 0(15' (' 0.,8' :E.1' 0'6$ 49' 65(12' .;' >0'<0' 3059' 6'-03' 47'1-' 0'6' 3.' (' >.725' <.18'3'.1' 30(1' 05' 0(8' 4551' '1' 45;.75# 5'3057' E(739' 8:723' 7'2?' '3$:1,522' '3' >575' -:(7858' >'30' <.18'3'.12' >0'<0' 305' .3057' 8:723' 1.3' (<<5E3# 3' >(2' .1' 581528(9$ 305',(23' .;' <3.457$ 30(3' 305' '1-' 0(8' 2E.?51' 3.' 3056' (18' (2?58';.7' 305'7' N' 752.,:35' (18' 2E5589' (12>57#P' ''5' 3.15' .;' 0'2' 2E55<0' (,6.23' '1I'358' 3056' 3.' (12>57' 1.# N' 5' 20.:,8' 45' 450.,851':13.' 3056$P' A05' 2('8D' N' 30.:-0' 3059' 8'8' 8519' 3.' E7.<558'T' 45<(:25'3051'05' 6'-03' 752.,15':E.1' 2.65' .3057' <.:725' 3.' 45' 3(?51';.7' 305' 2:EE,9';'0'2' >(132T';.7' 05' 2('8' 05' >(2' 752.,158' 3.' <:3' 0'2' <.(3' (<<.78'1-' 3.' 0'2' <,.30$ >0'<0' 05' <.:,8'Q'.3' 8.' 3',,' 05' ?15>' >0(3' <,.30' 05' 20.:,8' 0(15' 3.' 6(?5' '3' .;#P!

0.:-0' 1.' E(73'<:,(72' 0(15' 4551' E75257158'.;' 305' 854(35' >0'<0' ;.,,.>58$ >5' 6(9' E752:65' 30(3' '3' 51858' '1' 305' (EE.'136513' .;' (' .66'3355' 3.' E75E(75' 305' (12>57T' (18' 30(3' 3059' 47.:-03' :E' 305'7' 75E.73' .1' (3:78(9'T' >051' (' 8'2<:22'.1' 3..?' E,(<5' .;' >0'<0' >5' 0(15' 305' ;.,,.>'1-' 1.35#

I (7'# .4# /B/ $E# / B# V 4'8#

F‘E * D ‘/B/ #

1‘ (12>57‘3.‘305‘ '1-‘;7(658‘ (18‘ .;'5758‘49‘ '7‘ (:7'<5‘ 57?,59$ #K>0'<0‘45'1-‘75(8‘ >(2‘8'2,'?58‘ (2‘3..‘ <5756.1'.:2‘ (18‘<.6E,'6513'<(,$ (18‘1.375(,‘(18‘(<3:(,# 05‘(12>57‘>(23.‘5G<:25‘.:7‘2,.>1522‘49‘>(13 .;'<.6E53513‘1:6457# 18‘30(3‘';‘.:7‘856(182‘45‘-7(1358$ (18‘1.‘6.75‘ 20(,,‘45‘'6E.258‘:E.1‘30.‘,(18$0'2‘ (05239‘20(,,‘E57<5'I5‘30(3‘>5‘1.>‘ #(75‘12‘<.123(13‘3.‘E5725I575‘>'30‘305‘<.137(<3‘(2‘>5‘>575‘;.7>(78‘3.‘:1J 8573(?5‘'3#

05‘.405<3'.1‘3(?51‘49‘305‘ .:25‘3.‘305‘E7.E.258‘(12>57‘>(2‘305‘ 6.75‘2'-1';'<(13$45<(:25‘ '7‘ (:7'<5‘ 57?,59‘>(2‘1.3‘(1‘(805751‘3 .;‘305‘ .:73$0:3‘.15‘.;‘305‘,5(8572‘.;‘305‘E.E:,(7‘E(739# 0(3‘ 305'7‘ '85(‘.;‘('N75(,‘(18‘(<3:(,P‘(12>57‘>(2$6(9‘45‘-(305758‘;7.6‘ 305‘1.352‘.;‘('2E55<0‘49‘ '7‘ .-57‘ >51\305‘.1,9‘2E55<0‘85,'I5758‘ 30(3‘8(9‘.;‘>0'<0‘(19‘75<.78‘756('12#

'I572‘30'1-2‘3.‘45‘E7.I'858‘;.7$.3057>'25‘05‘>(2‘:1>',,'1-‘305‘<.1J 37(<3‘20.:,8‘E7.<558#

/# :7‘25<:7'39‘3.‘45‘E7.I'858‘;.7‘49‘('';:,,‘(12>57‘3.‘.''7‘-7'5I(1<52# .‘-(E‘3.‘45‘,5;3‘.E51‘;.7‘30.‘ '1-‘3.‘'6E.25‘:E.1‘0'2‘2:405<32#

5(12‘3.$,5I9‘'3‘3.‘45‘2:<0‘(2‘'3‘6(9‘45‘,5(23‘4:78512.65‘3.‘305‘ 2:405<3#

F# 7.I'2'.1‘3.‘45‘6(85‘30(3‘30'2‘ $ O# 45‘1.3‘8.:4,58‘1.7‘3754,58‘ 49‘510(1<'1-‘.;‘305‘<.'1‘49‘305‘ '1-#

H# 7.I'2'.1‘30(3‘305‘5GE,(1(3'.1‘.;‘8.:432‘6(9‘45‘49‘ (7,'(6513‘(18‘ 30(3‘>5‘6(9‘0(I5‘ (7,'(6513‘2‘0575(;357‘30.:-0‘305‘ '1-=2>(132‘45‘;:,,9‘ 2:EE,'58# ###

7.I'2'.1‘30(3‘30'2‘ $ O# E57‘(11:6‘6(9‘1.3‘45‘(,'51(358‘;7.6‘ 305‘ 7.>1#

2‘1.30'1-‘'2‘2('8‘.;‘(19‘;'1(,‘752.,:3'.1‘ ‘<.1<,:85‘30(3‘305‘85J 4(35‘>(2‘(8Q.:7158‘3',,‘ .18(9# :3‘305‘3.15‘.;‘305‘8'2<:22'.1‘ 0(I'1-‘2:;;'<'513,9‘'18'<(358‘>0(3‘05‘0(8‘3.‘5GE5<3‘;7.6‘3056$305‘ '1-‘3..?‘.<<(2'.1‘'1‘305‘65(13'65‘3.‘756'18‘3056‘.;‘>0(3‘3059‘ >575‘3.‘5GE5<3‘;7.6‘0'6# 18‘>051‘3059‘653‘.1‘ .18(9‘305‘ E5(?57‘0(8‘(‘6522(-5‘3.‘<.66:1'<(35‘>0'<0‘@:'35‘(,35758‘305‘<(25#

‘E * D ,

‘6522(-5‘;7.6‘ '2‘ (05239$49‘305‘ E5(?57#

'2‘ (05239$0(I'1-‘49‘2E55<0‘'1‘E572.1$:E.1‘Q:23‘(18‘(EE(7513‘75(J 2.12‘87(>1‘;7.6‘0'2‘15<522'3'52$75@:'758‘.:7‘752.,:3'.1‘<.1<571'1-‘305‘ <.137(<3$30'1?2‘;'3‘3.‘.6'3‘1.30'1-‘30(3‘6(9‘;:7305?‘.:7‘E7.<558'1-‘>'30J .:3‘6'23(?'1-$53<#.7‘,.22‘.;‘3'65#

5‘'2‘E,5(258‘3.‘75E7525I3‘:13.‘:2‘305‘<,5(7‘6'77.1‘.;‘0'2‘05(73$(18‘3.‘ 253‘45;.75‘:2‘305‘522513'(,‘E(732‘.;‘305‘<.137(<3$,523‘305‘3(?'1-‘.;‘30'1-2‘ 49‘E(732‘6'-03‘'18:<5‘(19‘.4,'I'.1‘.7‘8'237(<3'.1‘'1‘305‘<.1356E,(3'.1‘.;‘ 305‘>0.,5#

$

305' <:5'<(25' (18' (' -. .8' 4(7-('1$ .7' >0(3' 3059' 3. .?' ;.7' 2:<0$' '1'305' .3057$' 3059' >. :,8' 45' '1' (' 6.75' ,'457(,' 0:6.:7' (18' >. :,8' ;55,'305' E7.E7'539' .;' E(9'1-' .:;' 0'2' 85432# 18' '3' 6(9' 45' 30(3' >051' 05' 2(>' 30(3' 0.E5' '1' 8(1-57' .;' 8'2(EE.'136513$' 05' 752.,158' 3.' 6(?5' 2:75' .;' .15' 30'1-' .7' 305' .3057$ \ 5'3057' 3.' 05';755' .;' 305' .137(<3' .7' 3.' 0(15' $ '3' <. :E,58' >'30' (' -7(13' .;' $ O#

3' '2' '6E.22'4,5' 3.' 2(9' >0.' >(2' (12>57(4,5';.7' 305' 20';3'1-' (18' '1J <.123(13' E7.<558'1-' .;' 305' %K.157165513' 307.:-0.:3' 30'2' 37(12(<3'.1# 3' 6(9' 45' 30(3' 305' '1-' 207(1?$' >051' '3' <(65' 3.' 305' E.'13$';7.6' (' E.,'<9' >0'<0' 05' 0(8' 4551' E572:(858' 3.' 2(1<3'.1# 3' 6(9' 05' 30(3' (,'24:79' .;;5758$' .7' E75351858' 3.' .;;57$' 6.75' 30(1' 05' 0(8' (:30.7'39' 3.' 8.# 3' 6(9' 45' 30(3' 305' 15-.3'(3'.1' >(2' 253' .1';..3' >'30' (' I'5>' 3.' 2.65' .3057' 518$' (18' >(2' 65(13' 3.' 475(?' >051' '3' 0(8' 2571158' '32' E:7E.25# 0(3' '2' <573('1' '2' 30(3' 305' E7.<558'1-' .1' 305' E('K3' .;' 305' .157165513' >(2' 4.30' '18'75<3' (18' '1<.12'235133';7.6' 45-'11'1-' 3.' 5181' (18' 30(3' 305';'1(,' 475(<0' >(2' 8'23'1<3,9' 305'7' <0.'<5' (18' (<3# 05' .66.12' .1' 305' .3057' 0(18' (<358' 307.:-0.:3' .E51,9$' 0.1523,9$' <.12'23513,9' (18' ,'457(,,91' (18' >'30' 1.' 6.75' <'7<:62E5<3'.1' 30(1' 305' <(25' 75@:'758# 18' 30.:-0$' ';' 305' 15-.3'(3'.1' 0(8' E7.<55858$' '3' >. :,8' E7.4(4,9' 0(15' 47.?51' :E.1' 2.65' 856(18' .;' 305'72' >0'<0' 3059' <. :,8' 1.3' '1' E7:851<5' 0(15';.75-.15' (18' 305' '1-' <. :,8' 1.3' '1' E7:851<5' 0(15' (,,.>58$' '3' '2' <,5(7' 30(3$' (2' '3' >(2$' 305' 752E.12'4','39' ;.7' 305' 475(<0' 8'8' 1.3' (3' (,' ,'5' >'30' 3056# 8':1(1'6.:2' 752.,:J 3'.1' 1.3' 3.' E7.<558' > 30' 305' <.137(<3' :E.1' 30525' <.18'3'.12!' >(2' 305' '151'3(4,5' 752:,3' .;' 305',(23' <.66:1'<(3'.1' (18' (;357' (' 8(9' .7' 3>.' .;' 85,'457(3'.1' 305';.,,.>'1-' (12>57' >(2' (-7558' :E.1#

] 5157305,522$' 0(1'1-' 5135758' '13.' 8:5' <.12'857(3'.1' .;' 305' >0.,5 4:2'1522$' (18' 30(3' >'30' (2' -75(3' 85,'457(3'.1' (2' 9.:7' (Q5239=2' 852'75 3.:<0'1-' (' 2E5589' (12>57' <.:,8' E576'3$' >5' 0(15' 752.,158' 30(3' >5' <(1J 1.3' E7.<558' '1' 305' <.137(<3' (<<.78'1-' 3.' 9.:7' (Q5239=2',(23' 85<,(7(3'.1' 85,'15758' 49' .:7' E5(?57\' >0'<0' .:7' (12>57' >5' 0.E5' 20(,' '1' 1.' >'25' .;;518' 9.:7' (Q5239#=*

0(3' (1' (12>57' 3.' 30'2' 5;;5<3' >(2' 5GE5<358' 49' 305' '1-' 6(9' 05' '1J ;57758';7.6' 305' 3.15' .;' 0'2' 75E,9$' >R0'<0$'2' 30:2' -'151''1' 7# (78'J 157=2' 6(1:2<7'E3#

N' .' 30'2' 0'2' (Q5239' 2513' (1' (12>57' 49' 305' E5(?57' .1' 581528(9' /H' .1# 30(3' 2'30' >5<.:,8' 1.3' E7.<558' (<<.78'1-' 3.' 0'2',(23' 85<,(7(3'.1#

* (7'# 54# /B/ $E# /F/#
* # # .6# (152' #$' I'''# / # .<?5358' 49' '7' :,':2' 3<2(7$ N 12>57' 3.' 305' 2' 6522(-5' 3.:<0'1-' 305' 75(3' .137(<3# 5<5'158' L' .1# /B/ #
'

<2 21 3 < ; 2 " ; ; 1 " R + $ H

X>0'<0 >(2 (-755(4,5 3. 0'2 ;'723 '13513'.1$ 05 8'8 1.3 255 0.> >5 20.:,8 -.';:73057'1'30(3 4:2'1522#P*

.' 51858 305 -75(3 E7.05<3$;7.6 >0'<0 2.' 6:<0 0(8 4551 E7.6'258 (18 0.E58$,5(I'1-' (,,' E(73'52 '1' (' >.725 0:6.:7 30(1' 45;.75# :3 2.' 8'8 ' 518 3,'5 -75(3 E.,'3'<(,' 8';;'<:,39 >0'<0 '3 0(8 4551 '1151358 3.' .157<.65# 0(3 8';;'<:,39 >(2 (2 -75(3 (2 5157$ (18 1.> 6.75 30(1' 5157 '137(<3(4,5# 05 854 3.;' 305 7.>1' 4(8 '1<75(258$ 305 5GE518'3:75 0(8 1.3 4551 758:<58$ 305 '18:<56 5132 >0'<0 0(8 4551 05,8 .:3 3.' 305 .66.12 '1' 305 0.E5 .;'.43('1'1-';7.6' 3056' (' <.1J 37'4:3'.1' (85@:(35 3.' 305 5657-51<9$ 0(I'1-' E7.158 '12:;;'<'513$ 0(8 4551 >'3087(>1$ (18 305 E7.4,56 .;' .156457 >(2 305 2(65 (2 305 E7.4,56 .;' 547:(79$ >'30 (,,' '32 8';;'<:,3'52 (--7(I(358# 05 <.1J 37(<3 45'1-' (4(18.158 (2 (' ;('.,:75$ 30575 >(2 1.30'1-' ,5;3 4:3 (1 (EE5(,' 3.' 305 .:25 .;' .66.12 '1' 305 .78'1(79 >(9$ >'30 (1' .;,57 .;' E.E:.,(7 4515;'32$ (18 (' 75E752513(3'.1 .;' 305 1558 .;' 2:EE,'52# :3 (;357 (,,' 30(3 0(8 E(2258 '3 >(2 1.' 5(29 6 (3357 3.' 6(?5 2:<0 (1 (EE5(,' .3057 30(1' (' I579';,.(3 (;'('7# 05 1558 .;' 2:EE,9 0(8 4551 6 (3357 .;' 1.3.7'539 ;.7 305',(23 1'15 6.1302$ (18 (,,' 305 E(73'<:.,(72 0(8 4551 8'2<,.258 (18 8'2<:2258# 18 305',.1-523','23 .;'4515;'32 30(3 <.:,8 45 .;;5758 3.' 305 E5.E,5$ <.:,8 1.3 4:3 2556 E..7 49 30#5 2'85 .;'30.25 >'30 305 E7.6'25 .;' >0'<0 3059 0(8 4551 2.',.1-'3(13(J ,'M58$ (18 49 305 2:8851 >'3087(>(,' .;' >0'<0 3059 0(8 4551 2.' 75<513,9 2:7E7'258 (18 8'2(EE.'1358# :3 1.' .3057 <.:725 >(2 ,5;3W (18 .1 305 2(65 8(9 .1 >0'<0 305 '1-' 85<,(758 305 <.137(<3 (3 (1 518$ 305 .66.12 49 '1I'3(3'.1 653 305 .782 '1' <.1;5751<5$ 3.' 05(7 2.65 15>' E7.E.2'3'.1#

05 15>' E,(1 .;' .E57(3'.1 (EE5(72 3.' 0(I5 4551 30'2# 05 .782 >575 3.' '1I'35 305 .66.12 3.'Q.'1' 3056' '1' E53'3'.1'1-' 305 '1-';.7 <573('1' 65(2:752 .;'75,'5;' 3.' 305 E5.E,51 !X1K0'<0 45'1-' E7.6'258$ '3 >(2 0.E58 30(3 3059 >.:,8 255 305 5GE58'51<9 .;'75,'5I'1-' 305 '1-=2 >(132# 05 .1;5751<5 >(2 .E5158 49 (,'24:79 '1' (' 2E55<0 >0'<0 >(2 75E.7358 3.' 305 .:25 49 (<.1$ (18 .;' >0'<0 7# (78'157=2 6(1:2<7'E3 -'I52 :2 305';.,,.>'1-'1.35# *]

.78 75(2:757=2 2E55<0 <.12'2358 .;' 3>.' E(732W /# E(73 .;' ;.76 (18 # E(73 .;'6(3357#

/# (73 .;';.76'W 3.' (I.'8 (' 2<7:E,5$,523 >5 20.:,8 <.1<5'I5 '3 (2 (' 6522(-5 ;7.6' 305 '1-#

(3357 8'I'858 '13.' 30755 E(732#

( ) ' * '%&%' '!' #

#a ' ' ' # L

/# ' 85,'15(3'.1' .;'345' E7.<558'1-2' ;.7657,9#
' 75E752513(3'.1' 0.>' 30'1-2' (75' 1.>' ,5;3#
F#$ ' <.1<,:2'.1' >'30' <573('1' 6.3'.12#
b/#a' 05' '1-$,'?5' (' 2?',;:,' (7<057$ 0(30' 253' :E' '1' 305' I'5>' .;'305' (7,'(6513' 305' 6(7?' >0575(3' 05' ('658#
5' 0(30' <(:258' 0'2' >(132' 3.' 45' 6(85' ?1.>1' (18' 305' <(:25' .;' 0'2' >(132$ 6.75' E(73'<:,(7,9' 30(1' 5GE57'51<5' 3(30' ;.:18' ;'3$ '1' 752E5<3' 30(3' 305' <.6E.2'3'.1' .;'305' (7,'(6513' >(2' 2E<0' (2' >0(3' '2' 2E.?51' 30575' <(11.3' E.22'4,9' 45' ?5E3' 25<753#
05' 2(<7';'<5' 30(3' 305' '1-' 852'758' >(2' 2:<0' (2' 07'23' (EK' E.'1358' 3.' 45' .;;5758$ (' E('7' .;' 8.152$ ' ,' (18' 1.3' ,'?5' 305' 2(<7';'<5' '1' 305' ,(>$ >'30' 237:--,'1-' (18' 752'23(1<5$ (18' 30575J ;.75' 05' 6(85' .;'57' .;'7537'4:3'.1' 3.' 0'2' 2:405<32#
:3' 30525' (75' 75;:258' 49' :2$ 1.3' A(2' 05' >(2' E572:(8580' ;.7' >(13' .;' >',,'1-1522' '1' 305' '1-' 3.' E57;.76' >0(3' 05' 0(8' .;;5758$ .7' .;' (;;5<3'.1' '1' 305' 2:405<32' 4:3' 8';;'851<5' (18' 8'237:232' (18' ;5(728$ (18' 8'237(<3'.12' '1' .E'1'.1$,'?5' .1(30(1-2' (77.>2$ 2.65' 20.3' .157$ 2.65' :1857$ (18' 953' (,,' >'30' (' -..8' 6'18#
05' '1-' 1.>' $ ' >.725' 30(1' 05' >(2' (3' 305' 45-'11'1-' .;'305' (7,'(6513#
F# .3'.12# 05' .782' 0(8' 3(?51' '13.' <.12'857(3'.1' % ' % ' % ,' 0'2' >(132' (18' 305' <(:25' 30575.;# 059' >575' (,,' .;' .E'1'.1' 30(3' '3' '2' 1.3' 2(;5' 3.' ,5(15' 0'6' :12:EE,'58#
059' 8'8' (EE.'13' 0'6' 3.' (<@:('13' :2' >'30' 2.65' 30'1-2' >0'<0' 3059' >'2058' 30(3' 4.30' .:252' >.:,8' Q.'1' '1' E53'3'.1';.7' 3056' 3.' 0'2' (Q5239$;.7' 305' 5(25' (18' -..8' .;' 0'2' 2:405<32#
5' 2('8' 05' >.:,8' 1.3' 0(15' 305' '1-' 3.' 30'1?' 30(3' >051' >(132' (75' I.,:13(79$ 2:EE,'52' 6:23' 45' .;' 15<522'39' (18' 30575;.75' 30.25' 8';;'<:,3'52' >0'<0' 0(15' 4551' :258' 0575'1' 6(9' E7..:75' 2.65' -..8' 5;;5<3' '1' 0'2' (Q5239' >0'<0' 05' 8'8' 1.3' 8.:43' .;' (22:7'1-' 0'625,;' 30(3' 05' >.:,8' 45' I579' <(75;:,' 0575(;357' 0.>' 05' E752258' 0'2' 2:405<32# 18' 953' ';' 05' 8'8$ 05' >(2';(7';7.6' 305'.E'1'.1' .;' 305' 52:'32' 30(3' ' ' 1' p* ' ' % ' ')' " , -
.7' 0'2' E(73' 0'2' 0.E5' (18' <.6;.73' >(2' 30(3' 05' 20.:,8' 15157' 2'3' '1' 30(3' E,(<5' 3.' :25' 2.' 6(19' 3(:3.,.-'52' :E.1' 305',' ?5' .<<(2'.1$ 5G<5E3' '3' >575' :E.1' 2.65' -75(3' (18' (EE(7513' <(:25$ >0575'1' >5' 20.:,8' 45' (2';.7>(78' (2' 05#

' ,,:8'1-$ ' 2:EE.25$ 3.' (' E(22(-5' '1' 305' '1-=2' 2E55<0' .1' 305' /23' .;' (9$ >,''<0' 0(8' (,(7658' 30.' .66.12#

05' 30'1-2' 3.' 45' 852'758' 49' 4.30' .:252#
/# B ' 95(72' E.22522'.1' (' 4(7' (-('123' 305' '1-#
.' ,5(25' 3.' 45' (I.'858' ;.7' 85;5<3' .;'25<:7'39' .7' <.18'3'.12'
$RQ47.?51#
F# E.1' .:3,(>7'52' 305' <758'3.7' 3.' 45' ;'723' 2(3'2;'58' 45;.75' 3,'5
'1-#
" ' $,8+&$' ()' ' (4%6$' &(' -$' &%F$1' %C%0
51(,',(>2' 3.' 45' 75;.7658#
B# ,,' .42.,535',(>2' 3.' 45' 3(?51' (>(9#
C# .>57' 3.' 6(?5',(>2''1' (,52' 3.' 45' 75E5(,58#
.' '6E.2'3'.1' 3.' 45' 0575(;357' 253' 4:3' 49' (7,'(6513$' (18
30.25' 30(3' (75' 3.' 45' 3(?51' (2' <.1;'7658' 49' (7,'(6513#

(,'24:79' >(2';.,,.>58' 49' .730(6E3.1' (18' 305' .78' 0(1<5,,.7$
>0.' 4.30' .;;5758' 75(2.12' 3.' E572:(85' 305' .66.12' 3.' -7(13' 2:EE,9'
4:3' 305' 1.352' .;'305' 75E.732$' 6(85' 752E5<3'I5,9' 49' '7' :8,59' '--52'#
(18' '7' 5179' .13(-:$'<.13('1' 1.30'1-' .;''6E.73(1<5#
05' 65(2:752' .;' 75,'5;'>0'<0' '3' >(2' E7.E.258' 3.' E53'3'.1' ;.7' >575'
A'3' >',' 45' 2551D' .;'<.12'857(4,5' I(,:5'7' (18' 0(8' 2:<0' (' E7.E.2(,' 4551'
6(85$' (18' 6(85' 2'1<575,9$' (3' 305' .E51'1-' .;' 305' E75I'.:2' 2522'.1'
45;.75' 305' 23(35' .;' 305' G<05@:57' 0(8' 4551',('8' 2.' 4(75$' (18' 45;.75'
305' 75<'E7.<(,' .4,'-(3'.12' .;' '1-2' (18' 2:4Q5<32' 0(8' 4551' E:3':E.1'
305' 4(2'2' .;' (' 6.159' 4(7-('1$' 305' E,(1' 6'-03' 0(I5' 4551' I579' 2:<J
<522;:,# ;357' 2:<0' (' <.:725' .;' E7.6'252$' 5GE5<3(3'.12$' 6'2:1857J
23(18'1-2' (18' 8'2(EE.'136513 2' (2' 3059' 0(8'-.15'307.:-0' 2'1<5' 5J
47:(79$' 305' 5;;5<3' >(2' I579' 8';;57513#
5;.75' 305' @:523'.1' <(65' .1' ;.7' 8'2<:22'.1''1' 305' .>57' .:25$'
305' '1-' 0'625,;' 37'58' .1<5' 6.75' 305' 5;;5<3' .;' 0'2' .>1' 5,.@:51<5'7'
1.3' 0.>5157' .1' 30'2' .<<(2'.1' ;.76(,,9' (887522'1-' 0'625,;' 3.' 305'
.:25'.;# .66.12$' 4:3' 25,5<3'1-' (' ;5>' .;' 305' E7'1<'E(,' 6564572'
(18' 2518'1-';.7' 3056' 3.' 2E5(?' >'30' 0'6# ;' 305' '1357I'5>' >%5 0(I5'
305';.,,.>'1-' (<<.:13';7.6' (' <.1356E.7(79',53357K>7'357#

L' -(.&')+)&$$1' 3%0,' ,+12$;' &'$' 3%0' -$)(/$' &'$' +16' C$1&' &(' (0,&(1;'
'+% %D$,&0' 2%**$3' &'+/&0' ()' &'$' %/*+%4$1&' $).,$' -$)(/$' '+4'%&' ? '+&$7
'%**;' %4(16' C'(4' C%,' +/' ' $=+**$' ? '$/$' '+,' %D$,&0',%+3' &'$'
2%.,$' ()' ,$13+16')(/' &'$4' C%,' &(' %,F' ()' &'$4' ,(4$' E.$,&+(1,;' C'$/$.1&('
'$' 3$,+/$3' &'$0' C(.*3' 4%F$' % 3+/$2&' %1,C$/' ' '$')+/,&' C%,' C'$&'$/' &'$0'
&'(.6'&' '$' C%,' +1' C%1&' ' %22(/3+16' %,' '+,' /$%,./$/' %13' '%12$**(/' ()'
@2'$E.$/' '%3' +1)(/4$3' &'$4' ? '$/$&(' C'$1' +/' /%12+,' %2(1' '%3'
-$6.1' &(' %1,C$/' +1' % 4(/$' $@&/%=%6%1&' ,&0*$' &'%1' '+,' %D$,&0' 3+3' 3$*+6*+&'
&(' '$%/;' '(' 8+2F$3' (.&' +/' $1/0' $=+**$;' 2(4 4%13+16' '+4' &(' %1,C$/' %27
2(/3+16' &(' '+,' 2(1,2+12' J &'$/$.8(1' +/' $1/0' $=+**$' 3+3' 3+/$2&*0

%1,C$/' &(' &-$')+/,&,' &'%&' '$' &' (.6 '& +13$$3' '+,' %D$,&0' C%,' +1' C%1&,' %13' &'%&' %22(/3+16' &(' &'$' /$'%&+(1' ()' '+,' (.12+*' '$1' !,%+3' &'$' +16!' &$*#' 4$' C '$&'$/' +& -$*(16$&'&('0(.' &'%&'%/$' 40' ,.-D$2&,' &(' /$'+$=$' 4$' (/' 1(&' (' &'+,',' E.(&'' +/' %//0,' ' 4 .,&%1,C$/' C+&'' %' 3+,&+12&+(1' J C '$/$' 0(./' %D$,&05,' $@8$1,$' 6/(C$&'' -0' &'$' (4 4 (1C$%*&'' C$' %/$' -(.13' &(' 4%+17 &%+1' +&,' (&'$/C+,$' 1(&J %13' ,(' 2(1&+1.+16' '+,' ,8$$2' ,' '$' 6%=$' %1(&$' &'%&' +1' &'+,' (1$' %/*+%4$1&' &'$0' '%3' %*/$%30' 6+=$1')(./' .-,+3+$,' %13' ,$=$1')+)7 &$$1&' ,'G C '+2'' +,' 4(/$' &'%1' $=$/' C%,' 6+=$1' -0' %100 %+A*+%4$1&,' %&' %10' &+4$,' .8(1' %10' (22%,+(1G %13' 0$&' C+&'%*' &'%&' &'$0' '%3' '%3' 1(' /$*+$)' ()' &'$+/' 6/+$=%12$,' '$1' C%,' '+,' %D$,&0'+1,&%1&'&(' '%=$' '+4' 3$2*%/$' C '%&' &'$+/' 6/+$=%12$,' C$/$' (' %*#' &'$+/' 6/+$=%12$,' !,%+3' +/' %//0I' '%4' 1(&' 8/+=0,' -.&' ()' &'(,$' &'%&' %/$' 2(4$' &(' 40' F1(C*$36$' 'C+*#' 4%F$' /$2+&%*' G %13' ,(' -$6%1' &(' ,%0,' &'%&' +1' 4%&&$/' ()'D.,&+2$' &'$0' 2(.*3' 1(&' '%=$' %1' +13+)7)$/$1&' 8/(2$$3+16' !%+4+16' 8$/'%8,' %&' '+,' %D$,&05,' 8/$/(6%&+=$,' ' ' "" ' . +' G %13' &'$1')%**+16' .8(1' &'$' ./+,3+2&+(1' ()' &'$' %/2'$,' ()' ? %*$,,' +/' $/-$/&' /E)&'&((F' &'$' C(/3' (.&' ()' '+,' 4(.&'G (&'$/C+,$,' +&' C%,' &'(.6'&' +/' $1/0' !-$+16' 2'%/6$3' .8(1' '+,' 2(1,2+$12$' C(.*3' '%=$' 3$*+=$/$3' '+,' D.364$1&' +1' %**,' +1' C '%&' /$,8$2&,($=$/' +&' 4+6'&' -$' &%F$1 H

/' 255' 1.' 75(2.1' 3.' 8.:43' 30(3' 305' '1--2' .4Q5<3' '1' 30'2' <.1I572(J 3'.1' >(2' 75(,,9' >0(3' 05' 2('8' '3' >(2$ \ 3.' <,5(7' (>(9' 6'2(EE750512'.12' .1' 4.30' 2'852$' (18' <.65' 3.' (' 45335' :185723(18'1-' 5(<0' .;' 305' .3057=2' I'5>2' (18' E:7E.252#!] .7' >(2' 305' 6(1157' .;' E7.<558'1-' '1Q:8'<'.:2$' <.12'85758' >'30' 75;5751<5' 3.' 345' '6658'(35' .4Q5<3' 0.>5157':1(8K' I'2(4,5' '3' 6(9' 0(I5' 4551$' <.12'857'1-' 305' 2:2E'<'.1' .;' ',,5-'3'6(35' '1;,:51<5' (18' 305' (,(76';.7' 7'I',5-5' >0'<0' '3' >(2' 2:75' 3.' 5G<'35' '1' #305'4.89' .;'305' .:25# 05'E752513'E7(<3'<(,'752:,3' >(2' (';.76(,'<.6J 6:1'<(3'.1'3.'305' E5(?57$75@:'7'1-'305' .:25'N3.';.745(7';.7'305'E75J 2513' (19';:73057' 2E55<0'<.:<571'1-' 305' 2:EE,9' .;'0'6' .7' 4'2' 523(35$' :13',' 3059' 20.:,8' 0(I5'05(78' 2.6530'1-';7.6' 0'6$ \ >0'<0' 20.:,8' 45' >'30'1' (';5>' 8(92#P' 0575:E.1' 305' .:25$ >8''<0' (EE5(72' 3.' 0(I5' 4551' '13577:E358' 49' 305' 6522(-5' '1' 305' 6'88,5' .;' (' 854(35$ >(2' (8J Q.:7158';.7' (';5>' 8(921' (18' .1' '32' 15G3' 6553'1-' 305';.,,.>'1-',53357 \ ' .7' (',53357' .;' >0'<0' 305';.,,.>'1-' '2' -'I51' (2' 305' 2:423(1<5 \ >(2' 75(8#

O -' /' E * D

'*$&&$/')/(4' +,' %D$,&0'&(' &'$' 8$%F$/',$1&')/(4' (0,&(1,' /$%3' +1' &'$' (.,$,' &(' &'+,' 8./8(,$J K

/.,&0' %13' C$**A-$*(=$3,' C$' 6/$$&' 0(.' C$**,' Z2

+/,&' 2(12$/1+16' +48(,+&+(1,' '+,')+1%*' %1,C$/' +,' &'%&' '$' C+*#' -$' 2(1A

' + ,-' . ' ' ' / ' 0 - 1' ' * ' %&%' ' 0 ' . 2 ' %%% ' ! ' " #3 " 4 ' - ' ,' , 2' ' ! 5 ' 2 -' ' ' ', 5 -6' - ' , ' -1' - ' ! ! ' -' , '7 - - ' ' - ' ' 2 8 ' , 2' ' , ' - -6' , ' 1' ' ' 7' - , -6' ' ' 2 8 -' , ' 2 ' , 5 ' ! 1' , ' ! -' - ' 77 -' , ' ' ') 2 -' ' -') 2 -' 2' , 2' ' , 2 9' :11 5 ' ' , ' ! 8 ' ;' < 5' ') ' = ' %5 ' "

F' ' ' ' '' '7<' ' # R + $' #'

351358' 3.' E(22' (1' (<3' 3@' 75237('1' 4'6' 0575(;357' ;7.6' '6E.2'1-' :E.1' 657<0(18'252$ 0'2' 05'72' (18' 2:<<522.721' 4:3' 1.3' 3.' 3(?5' (>(9' 30.25' 30(3' 451' .3057>'25' 30(1' 49',5(I'1-' 3056' 3.' . :7' <.12'857(3'.1' 3.' 37(12E.25' (2' >5' 30'1?' ;'3$ ';' (19' 45' :18:,9' 7(358$ .7' '1',' 5:' .;' 3056' 3.' 7('25' (19' .3057' 4515;'3RQ ;'5@:(,' 4515;'3#

7.0'4'3'.12$ (18' 7.<,(6(3'.12$ (18' H' 0'752#

H' 0'75$ 15157' 0(8' (19' '13513'.1' 3.' 8519' Q:23'<5# 5' 2:2E5182' 0'2' <.1J 2'857(3'.1' 3',,' 305' 518'.;' '82:6657'3576' 15G3\ ;7.6' >0'<0' 3'65';.7>(78' 05' >',,',5(I5'3056' 3.' 305' <.:725'.;',(>' (18' Q:23'<5#=

;' >5' 0(8' (';:,,57' 75E.73'.;' 305' 2:423(1<5'.;' 30'2',53357' >5' 20.:,8' 45' 453357' (4,5' 3.' :185723(18' 305' 23(35'.;' 305' @:523'.1' >0'<0' 305' .:25' 0(8' 1.>' 3.' <.12'857#] 5' 6(9' (22:65' 0.>5I57' 30(3' 305' 5'-03' (73'<,52' E7.E.258' 49' (,'24:79' 3.' 45' E53'3'.158';.7' 49'4.30' .:252' 0(8' 4551' (EE7.I58' 49' 305' '1-$ (18' 30(3' 305' E(73'<:,(72' 6513'.158' '1' 30'2',53357' >575' 3.' 45' 3(?51' (2' '1' (88'3'.1' .7' 5GE,(1(J 3'.1 \ 1.3' '1' 2:423'3:3'.1\ 2.' 30(3' 305' @:523'.1' >.:,8' 45' >0(3' (6..13'.;' 2:42'89' 3059' >R.:,8' 45' >',,':-' 3.' -'I5$:E.1' 305' (22:6EJ 3'.1' 30(3' 30.25' (73'<,52' >.:,8' 45' <.1<5858# 05' E7.-1.23'<2' >575' 1.3';(I.:7(4,5# 05' 854(35' >0'<0$ >(2' '13577:E358' 49' 305' '1-=2' 6522(-5'.;' 305' /C30' 3:7158' 513'75,9' :E.1' 305' @:523'.1' .;' :EE,9$ (18' 255658' 3.' 45' 3518'1-' 3.' (' 8'75<3' 15-(3'I5# 05' 1.35'.;' (' 2E55<0' 49' '7' (30(1'5,' (<.1$ A 7(1<'2=2' 0(,;K47.3057D$ >0.' (EE5(72' 3.' 0(I5' 4551' (' -..8' <.66.1>5(,3026(1$ 20.>2' I579' <,5(7,9' 305' I'5>' 3(?51' 49']305' .EE.2'3'.1#

2' -75(3' 75(2.1' 3.' 8519' (' 2:EE,9' 49' 75(2.1'.;' 305' 475(<0'.;' 305' <.1J 37(<3$ (2' 30575' >(2' 3.' 475(?' 305' <.137(<3# 3' >(2' 2('8' 30(3' 4.30'.;' 3056' 20.:,8'-' 3.-53057# 5' 30'1?2' '3' 1.3';'3' 3.' E7.<558' >'30' 305' 2:EE,9# '2' 75(2.12\

E.1' 305',(23' 2:42'89' 30575' >(2'-'I51' 3.' 305' 2:4Q5<3' (' 20.>' .;'5(25' .;' 2.65'-7'5I(1<52#

/# 05' '1-' 0(30' <(,,58' '1' 305' 6E.2'3'.12'.;' ,50.:252$ >0'<0' 0.' <.1K ;<22530' 2.65',.22' 3.' 305' '1-$ 4:3' 1.',522' 0.1.:7' 3.' 0'6#

05' 3'65',.1-' 575' >5' 20(,,' 0(I5' 4515;'3' 49' 305' 75E5(,'.;' 305',' <51<5' .;' '152#

F# 05' (3513'.;' 5>' 7(E579' '2' 1.3' 953' 75I.?58' ' .7$ ';' '3' 20(,,' 45$ '3' '2' 2('8' 30(3' '3' >',,' 45' :E.1' 305' E.'13'.;' 6'2E,5(8'1-' ' 2.' 30(3' 30575' 20(,,' 45' 1.' Q:8-6513';.7' 305' 7'-03'.;' 305' 2:4Q5<3#

H# 05' 6(3357'.;' .(,$ >0575.;' 305' '6E.2'3'.1' '2' 3(?51' (>(9$ >(2' 1.3' E(23' '1K4515;'3 hh<' E57' (11:6' .1,9' 305' <.(,2'.;' ,9305' (18' :1857,(18# 0525' 6(33572'.:,5758' 49' 305' .782' 1.>' (75' 1.3' 305' E7'1<'E(,' 1.' 6(3J 3572' 5<<,52'(23'<(,$ E7.<,(6(3'.12$ .7' 2:<0','?5# 18' 30575;.75' >'2058' 30(3' >5' >.:,8' 1.3' <.1;57' >'30' 305' .782#

.' # %:#7.I.1:.'j =' 717,# .4# / / $ I' /FC#

/B/ #d ' ' T = ' ' # >>

.' E75<5851 30(3 5157 25157(,' :42'8'52 >575 -7(1358 '1' .15 (7J ,'(6513$ 5G<5E3 '1' 30'2 (7,'(6513#
.' 5G37(.78'1(79 <(:25# 05'>(132 .;'305 '1-' 875>' .1' (,,' 30525 2:4J 2'8'52 ;.7657,9 -7(1358$ (18 6:23 1.>' 87(>' .1' 30'2# 0525 (75 1.3 5G37(J .78'1(79$ 4:3 .78'1(79# ' >.:,8 3059 >575 1.3 2.' .78'1(79#
18 2.' 05 <.1<,:858 30(3 >5 6'-03 1.3 37.:4,5 .:725,152 (19 ;:73057 >'30 <.12'857'1-' .;'2:EE,9$ 5G<5E3 305' <.137(<3 45 253 .1' ;..3 (-('1#*

05 854(35 >(2 1.3 752:658 3',' 305 F78 305 /23 (18 18 0(I'1-' 4551' <.12:658 '1' (8'2<:22'.1 .;' 305 '1-=2 7'-03 3.' 3(,? E7'I(35,9 >'30 656 4572 .;' 305 .:25 <.1<571'1-' 6(33572 E518'1-' '1' (7,'(6513 >0'<0 51858 '1' (752.,:3'.1' 3.' 8.' 1.30'1-' :E.1' 305 E752513 <(25$ 4:3 3.' 6(?5 (1' .7857 3.' E75I513 305 ,'?5 0575(;357#= 18 >051' 305 6('1' @:523'.1' >(2 3(?51' :E (-('1$ '3 >(2 5I'8513 30(3 305 '1-=2 5GE,(1(3.79 6522(-5 0(8 1.3 6:<0 651858 6(33572# .' 0(8 2('8 30(3 :1,522 3059 >.:,8 -7(13 0'6' 3,'5 2:EE,9 (18 2:EE.73# >,''<," 05 75@:'758 305 <.137(<3 <.:,8 1.3 E7.<558$ (18 305 .:25 255658 8'2E.258 3.' (8.E3 '7 (30(1'5,' (<.1=2 6.3'.1$ (18 75E,9 '1' 5;;5<3 30(3 :1,522 305 <.137(<3 E7.<55858 3059 >.:,8 1.3 -7(13 (19$ 2:EE,9 (3 (,,# .30'1-' >(2 2('8 (4.:3 305 E53'3'.1' ;7.6' 305 3>.' .:252 >0'<0 305 .782 0(8 852'758 4:3 '3 >(2 E7.E.258 3.' E:3 '3 3.' 305 @:523'.1 \ N >053057$ 30'1-2 23(18'1-' (2 3059 8'8$ 3059 20.:,8 -'I5 (2:EE,9#P E.1' >0'<0 A';' ' :185723(18 305 1.352 .;' 305 854(35 7'-03,9D$ '3 >(2 6.I58 49 >(9 .;' (6518651 N30(3 (' .66'3355 20.:,8 4.' <0.251 3.' <.12'857 0.>' 3059 6'-03 9'5,8 (' 2:EE,9#P=
3 6:23 0(I5 4551' '1' E7.E.2'1-' .7 2:EE.73'1-' 30'2 (6518651 30(3 (<.1 6(85 30(3 N 47'5;' 2E55<0 (3 305 518 .;' 305 2522'.1 C (<.4" P >0'<0 >(2 ;.:18 (6.1-' 0'2 E(E572 (18 E7'1358 '1' 305 5K 2:2<'3(3'.' T \ 30.:-0 305 6(1:2<7'E3 205>2 30(3 :E.1' 25<.18 30.:-032 05 0(8 85<'858 3.' ,5(I5 '3 .:3 .;' 305 <.,,5<3'.1#
05 6(1:2<7'E3 '2 '1' 305 7'3'20 ,:25:'1$ (18 45,.1-2 3.' 305 <.,J ,5<3'.1' .;' M ,' / " ') ' % % ' ' % * ' 7'-'1(,,9 '3 >(2 (' I579 ;('7 37(12<7'E3 4:3 2.65 E(22(-52 0(I5 4551' 237:<?' .:3 (18 2.65 (8858 49 (<.1=2 .>1' 0(18$ (18 ;'1(,,9 (' ,'15 0(2 4551' 87(>1' (<7.22 305 >0.,5 E(-5# 2 >5 ?1.>$ 0.>5157$;7.6' 305 1.35 ':' 7# AG(78'157=2 6(1:2<7'E3 30(3 305 ;'723 37(12<7'E3 75E75K

* (7'# 54# /B/ $E# /F #
= 0:728(9$ ' .I# /B/ # ###' 3 '2 30575;.75 .785758 30(3 1.' 656457 .;'30'2 0.:25 8.' 0575(;357 E752:65 .7 3(?5 :E.1' 0'6' (2 ('E7'I(35 6(1' .7 .3,'57>'25 3.' 85,'I57 0'2 .E'1'.1' .7 305 75(2.1' .;' 0'2 .E'1'.1' 49 >(9 .;' <.1;5751<5 .7 .3,'<7>'25 3.:<0'1-' (19 6(3357 85E518'1-' '1' <.12:,3(3'.1' '1' 30'2 .:25 5'3057 3.' 305 '1-=2 (05239 .7 (19 .;' 305 .782$ >'30.:3 305 (22513$ 8'75<3'.1$ .7 2E5<'(,' .7857 .;' 33'5 .:25 '1' 30(3 450(,;# .33# # '3# # /F/#
= (7'# 54# /B/ $E# //F#

#a ' ' ' ' # >

7'<0' (EE(75,!' - 75(3' E . 73' . 12' - ' I 51' '1' 6 (77'(- 52$' ;('7' 4 : ',8'1 - 2' 5 I 579 > 0575$' (18' . 3,'57' 6 (- 1';'<51<5'T' (18' '1' (' > . 78' ' 255' 6 : <0' 5G<522$' ! I O'<0' 3O . : - 0' '3' 45' (' <(: 25' . ;'E . I 5739$' 9 53' '3' '2' (' 2' - 1' . ;' E,5139#

0575; . 75' 3 . ' <. 1<,: 85$' 2'1<5' 9 . :' <(,,' 3 . ' 3Oh' @ : 523' . 1$' ' ;5(7' 1 . 3' 3O5' @ : 523' . 1$' 4 : 3' 3O (3' 3O5' . : 25' >',,' - . ' 3O5' 7' - 03' > (9$' > 0'<0' ' E7(9' . 8#3 . ' 8'75<3' 9 . :' 3 . ' 8 . # R

. ' 3O5' 2E55<0' 23 . . 8' '1' 3O5' 6 (1 : 2<7'E3' 45; . 75' '3' > (2' 3 . : <058$' (18' ';' '3' 45' <. 6 E(758' > '3O' 3O5' 1 . 35' . ;' N' 7# . ,'<'3 . 7=2' P' 2E55<0' A (7,# 54(352$' /B/ $' E# / HFD' . 1' 3O5' F78' . ;' . I 56 457$' 3O575' <(1' 45' 1 . ' 8 . : 43' 3O (3' '3' > (2' ('75E . 73' . ;' 3O5' 2E55<0' (2' 2E . ?51' W . 1,9' 3O (3' 3O5' 2E . ?51' 2E55<0' (EE5(72' 3 . ' 0(I5' 51858' > '3O' ('75<. 6 6 518(3' . 1' 3,'(3' N' 3O5' 6 (33572' . ;;5758' 49' > (9' . ;' 7537'4 : 3' . 1' P' 2O . : ,8' 45' 5G(6 '158' ,' D - ' 3O5 6 25, I52' . 7W' 49' (' . 6 6 '3355#

O5' ;'723' < . 775<3' . 1' (<. 1' 6 (85' '1' 3O5' 6 (1 : 2<7'E3' > (2' 3O5' 45 - '1J 1'1 - ' . ;' (' ;752O' 251351<5' (3' 3O5' 518'Q' 3O5' > . 782' N' . 7' 0 . > 2 . 5I57' 3O5' . : 25' 8 . ' 8'2E : 35' 3O'1 - 2' > '25,9' P' 45'1 - ' (8858' '1' 0'2' 4(: 8# : 3' '1235(8' . ;' ;'1'2O'1 - ' 3O5' 251351<5' O5' 15G3' E7 . <55858' 3 . ' 87(>' (' 0 : 5' 3O7 . : - 0' 3O5' > 0 . ,5' . ;' 3O5' ,(23' E(7(- 7(EO \ ;7 . 6 ' N' O575; . 75' P' 3 . ' N' > '25,9$P \ (18' 3 . ' 2 : 423'3 : 35' 3O5' ; . ,,. > '1 - ' W N' ' 2O . '88' > 7 . 1 - ' 3,'5' . : 25' 3 . ' 6 (?5' , . 1 - ' 2E55<0' '1' 3O (3' > 0'<0' 5 . 1<571530' (' ;755' - ';3$' (18' 3O575; . 75' ' > 'O' '3' 6 (9' - . ' 3 . ' 3O5' @ : 523' . 1#P

051' O5' 875>' (' , '15' (<7 . 22' 3O5' >=0 . , 5' E(- 5' ; 7 . 6 ' N' . > 45'3' ' > (2' 2 . 779$P' 53<#$' 3 . ' 3O5' 518' T' 4 : 3' 7523 . 7'1 - ' 3O5' > . 782' N' ' > '2O' '3' 6 (9' - . ' 3 . ' 3O5' @ : 523' . 1P' (3' 3O5' 3 . E' . ;' 3O5' E(- 5$' (18' 2 . ',5(I'1 - ' 3O5' <. 1<,: J 2' . 1' '1' 3O5' ; . 76' '1' > 0'<0' (>,59' E7'1358' '3$' (18' '1' > 0'<0' '3' O(2' (,> (92' (EE5(758 \ N' (18' 3 . ' 3O . 25' '1 > (78' E . > 572$' 6 . 75' ; . 7<'4,5'3O (1' (19' 6 (1=2' 2E55<0$' ' ,5(I5' '3' (18' > '2O' '3' 6 (9' - . ' 3 . ' 3O5' @ : 523' . 1#P

'1(,,9' O5' 875>' (' , '15' (<7 . 22' 3O5' > 0 . ,5$' (2' ';' O5' 3O . : - 03' '3' (;357' (,,' 1 . 3' > . 73O' E75257I'1 - #

O5' ;(<3' A '2 : 2E5<3D' > (2$' 3O (3' O5' O(8' (3' ;'723' 6 '23(?51' 3O5' . << (2' . 1' . 1' > 0'<0' 3O5' 2E55<0' > (2' 6 (85# 1' 3O5' / / 3O' . ;' : , 9$' 3 . > (782' 3O5' 518' . ;' 3O5' 2522' . 1' '6 6 58' (35,9' E75<58'1 - $' 3O575' O(8' 4551' (' 6 . 3' . 1' ; . 7' N' 2 . 6 5' 2 : EE,9' 3 . ' 45' - 'I51' 3 . ' O'2' (Q5239$P' 3O5' ; (35' . ;' > 0'<0' 2556 58' (3' . 15' 3' 6 5' I579' 8 . : 43; : ,$' 3O . : - O' '3' : ,3' 6 (35,9' E(2258# A 55' E# BT' (18' # # E# HH T# O'2' 2E55<0' >R . : ,8' O(I5' 2 : '358' 3O (3' . <<(2' . 1' @ : '35' > 5,,# 3' '2' E7 . 4(4,5$' 3O . : - O' O5' '2' 1 . 3' 6 513' . 158' '1' 3O5' . : 71(,2' (6 . 1 - ' 3O5' 2E5(?572$' 3O (3' O5' 8'8' 6 (?5' . 15' . ;' 3O5' 2(6 5' 351 . : 7' W (18' O5' 6 (9' 5(2',9' O(I5' 6 '23(?51' 3O'2' ; . 7' 3O5' 87(;3' . ;' '3# 1' 5185(I . : 7'1 - ' 3 . ' 75<(,,' 3O5' > . 782' O5' O(8' : 258' O5' > . : ,8' 75<. I57' O'2' 75<. ,,5<3' . 1' . ;' 3O5' . 3057' <'7<: 6 23(1<52$' (18' 756 56 457' 3O (3' '3' > (2' (' 2E55<0' 2E . ?51' (3' (1 . 3057' 3' 6 5$' > 051$' 3O . : - O' 3,'5' . << (2' . 1' > (2

> <2C 2 ' 3' < 22' " ;' ;1 ' " ' R) `S

2'6',(7$305'752:,3' >(2'8';;57513# .3'45'1-'513'3,58'3.'E75257I(3'.1'30575;.75' (2'(' 2E5<'651'.,' 2:<<522;:,'E572:(2'.1$'3'25565 8'3.'0(I5'1.'.3057'3'3,5'T (18'1235(8'.,'<.775<3'1-'305'05(8'1-'(-('1$05'2'6E,9'875>$0'2'E51'(<7.22'4.30'E(-52#

0(3'5;;5<3''3'0(8':E.1'305' .:25'.1'305' F78'.,' .I56457'>5'8.'1.3'?1.>T 4:3'30.:-0''3'6(9'0(I5'05,E58'3.'8'I573'3056';7.6'(',;(3'75;:2(,'.,' (,,' 2:EE,9$'3'8'8'1.3'E75I513'.3057'2E55<052';7.6'45'1-'6(85'>0'<0'>575'(,6.23'(2';(3(,'3.'0(76.19'(2'2:<0'('75;:2(,'>.:,8'0(I5'4551T (18'30.:-0'305'854(35'51858''1'(' 752.,:3'.1'3.'2518'305' '1-'(' 6522(-5'.,'30(1?2'(18'5GE,(1(3'.12$*'305'(<<.:132'05'05(78'.,' >0(3'0(8'4551'2('8''1'305'<.:725'.,''3'2(3'2;'58',''6'30(3'30575'>(2'1.'<0(1<5'.,'(-7556513'(18'30(3'0'2'.1,9'<.:725'>R(23.'8'22.,I5'305' (7,'(6513# 05';.,,.>'1-',53357$'>7'3351'3.' (,'2J4:79';7.6'305' .:73'(3' .923.1'.1'305' 30'.,' .I56457$'-'152'('I5,9'E'<3:75'.,'305' '1-=2'23(35'.,'6'18$'(18'6(?52'(,,'30(3';.,,.>58'@:'35''135,,'-'4,5# R' # [

N' 5'0(30'75<5'I58'49' '7' .-57' 23.1'('<.E9'.,'305'.7857'253'8.>1'(-('123'305'15G3'6553'1-'.,'305' .:25'T >0'<0'0'2' (Q5239'8.30'<.,,5<3''13.'30755'E.'132# '723'3.'-'I5'75(2.12'>09'3059'20.:,8'9'5,8'3.'1.'2:EE,9'T 25<.18,9'3.'5G(6'15'305'(12>572'3.'305'-7'5I(1<52$'(18'>0575'1'3059'(75'1.3'2(3'2;(<3.79'Q (18'30'78,9$'3.'<.12'857'>0(3';:73057''6 6:J1'3'52'(18'5(256 5132'(75'3.'45'856(1858';.7'305'E5.E,5# '2' (Q5239'8.30'(,2.'E57<5'I5$'4.30*'49'69' .78'.,' .13-.6579'(18'49' '7' ' 23.1$'30(3'9.:'<.:,8'>'20'30(3'0'2' (Q5239'(18'9.:7' .7820'E2'6'KT''0(I5'('6553'1-'3.'<.12:,3'.,'0'2'(;;('72''1'E(7,'(6513#

N' .'4.30'30525'0'2' (Q5239'>',,530'30'2'3.'45'>7'3351'W\

N' 0(3'05'6(?530'1.'8.:43'4:3'30(3'305'<(:25'.,'9.:7',(35'(8I'<5'3.'(8JQ.:71'305' .:25'>(2';.7'30(3'9.:';.752(>'3059'>.:,8'8.'>.725'.1' (3:78(9'30(1'3059'0(8'8.15'.1' 7'8(9'T (18'0.>'9.:'(75'1.>'(22:758'30(3'>051'3059'6553'(-('1'.1' 0:728(9'3059'>',,' 1.3'45' '1'305'2(65'6..8$'0'2' (Q5239'>.:,8'45'-,(8'3.'?1.>#' .7'05'(22:7<,0'0'6 25,;'30(3''';'9.:7'.7820'E2'30.:-03'305' .:25'>.:,8';.,,.>'305'2(65'0:6.:7$'9.:'>.:,8'1.3'(8I'25'305'7'6553'1-# '2' '-01522'>'2,'-30'9.:7' .7820'E2'3.'<(,','3.'6'18'30(3'05'0(30'1.>'0(8'E(3'51<5'>'30'30'2'(2256 4,9'30525'25I51'95(72$'(18';7.6'3056'75<5'I58'6.75'8'2-7(<52$'<512:752$'(18''-1.6'1'52$'30(1'5I57'7'1<5'8'8'518:75#' 5';.,,.>58'9.:7' .7820'E2=(8I'<52''1'0(I'1-

/N' '@ D '" ' '3'3.'6(?5'?1.>1'3.'305' '1-'>0575'1'>5'(75'1.'32(3'2;'58$'(18'>0(3'>5'8.'852'75$'(18'3.'-'I5'30(1?2';.7'30(3'>0'<,'' 05'0(30-7(1358#

N' ,''50'>(2'<.1<,:858':E.1'49'('@:523'.1$'(18',7857'3(?51'30(3'1.15'20.:,8'85E(73'473,'' .;'305'3.>1$' D' .;'<.:'''''33'1-'3.'305' .>57#P' 68# .4# $E# /H #

E(3'51<5$ 0.E'1-' ;.7 45335 7 '22:5# 5' <(11.3 0(I5 (2'1'15 E(3'51<5 05 '2 1.3 6(85 .;' 30(3 653(,' 30(3 '2 5I57 3.' 45 05,8 '1 2:2E5125 (18 3.' 75<5'I5 1.30'1-' 4:3 237'E52 15'3057 8.30 05'<.1<5'I5 30(3 9.:7 .7820'E2 (75 2.' :12512'4,5 .;' 30.25 '18'-1'3'52$ (2 30(3 9.:'<(1 (8I'25 (19 ,.1-57 518:7(1<5# .7 0'2 E(73 05 '2 752.,I58$ 30.:-0 1.>' (3 305'7 15G3 6553'1-' 3059 >.:,8 -'I5 0'6 2:EE,9 >575 '3 15I57 2.' ,(7-5$ (18 2(:<5 '3 >'30 2:<0 =3(:132 (18 8'2-7(<52 (2 0(I5 4551 :335758 .;' 0'6 (18 .;'30.25 30(3 (EE57J 3('1 3.' 0'6 A>0'<0 49 <.125@:51<5 758.:18 3.' 0 625,;D$ 1(9 30.:-0 '3 >575 (1.3057 ?'1-8.6$ 05 >',,' 1.3 (<<5E3 '3#

N 0575;.75 3.:<0'1-' 305 .3057 E.'13 .;' 0'2 6553'1-' >'30 9.:7 .78K 20'E2$ 5'3057 49 0'2 <.6'1-' 15(757 3.' 9.:' .7 (19 .;' 9.:7 <.6'1-' 3.' 0'6$ 0'2 '-01522 30:2 (12>57530# 0(3 1.' 6(1 20.:,8 45 6.75 >',,'1-' 3.' 3(?5 E('12 30(1 05$ >051 30575 '2 0.E5 .;' -..8 3.' <.65 49 '3# :3(2 30'1-2 1.>' 23(18 '1 (EE5(7(1<5$;.7 0'6 3.' E:3 5'3057 0'6 25,;' .7 9.:' 3.' 305 ,(4.:7 .;' (1 :1E,5(2(13 Q.:7159 >'30.:3 ,'?5,'0..8 .;' <.6;.73$ 4:3 .1 305 <.137(79 >051 9.:' 6553 3.-53057 3.' ;'18 305 E('12 .;'9.:7 4.8'52 (--7(I(358 >'30 I5G(3'.1 .;' 2E'7'3$ .7 3.' E(73 '7752.,:35 (2 (3 305 ,(23 <.1J ;5751<5 9.:' 8'8$ \ 0'2 (Q5239 8.30 1.3 255 3.' >0(3 518 2:<0 (' 6553'1-' 20.:,8 45# :3 ;.7 (:-03 05 25530 '1 0'2 .>1 :185723(18'1-$ 05 3(?530 1.' .3057 2:4Q5<3 .;' <.12:,3(3'.1 3.' 45 ,5;3$ 30(1 0.>' 305 (7,'(6513 6(9 518 @:'53,9$ (18 05 (18 0'2 2:4Q5<32 E(73 >'30 ;('7523 20.>1 >0'<0 05 <.1<5'I5,0 6:23 45-'1 >'30 2.65 15>' (8Q.:7165 13:13',' (18,56(2 3576 .7 305 518 30575.;' '1 75-(78 .;' 305 15(71522 .;' 07'236(2# 18 '1 305 65(1 3'65 9.:7 .7820'E2 (18 05 6(9 (8I'25 4.30 0.>' 3.' 8'22.,I5 '3 '1 4523 ;(20'.1$ (18 ;(,,' 3.' .3057 <.12:,3(3'.1 (4.:3 0'2 (;;('72#P *

05 7523$ 2.' ;(7 (2 '3 <.1<5712 :2$ 6(9 45 3.,8 '1 305 >.782 .;' 305 E7'I(35 .:71(,#

N 1' (3:78(9 305 E5(?57 75<5'I58 (' ,53357 ;7.6 0'2 (Q5239$ 2'-1'J ;9'1-' 30(3 05 0(8 .:;5758 8'I572 30'1-2 .;' -7(<5';.7 305 -..8 .;' 0'2 2:4J Q5<32$ 4:3 305 6.75 05 >(2 852'7.:2 3.' -I5 3056 <.13513 6513$ 05 8'8 E57<5'I5 305 ,522 '3 >(2 75-(7858$ (18 30(3 15>' -7'5I(1552 (18 <.6E,('132 >.75 7('258 3.' 0'2 8'20.1.:7# 18 30575;.75 05 <.66(1858 0'6 3.' (8J Q.:71 305 .:25 (18 (,,' .66 '33552 3' ' 0:728(9 ;.,,.>'1-# 3 >0(3 3'65 >5 20.:,8 05(7 ;:73057 ;7.6 0'6#

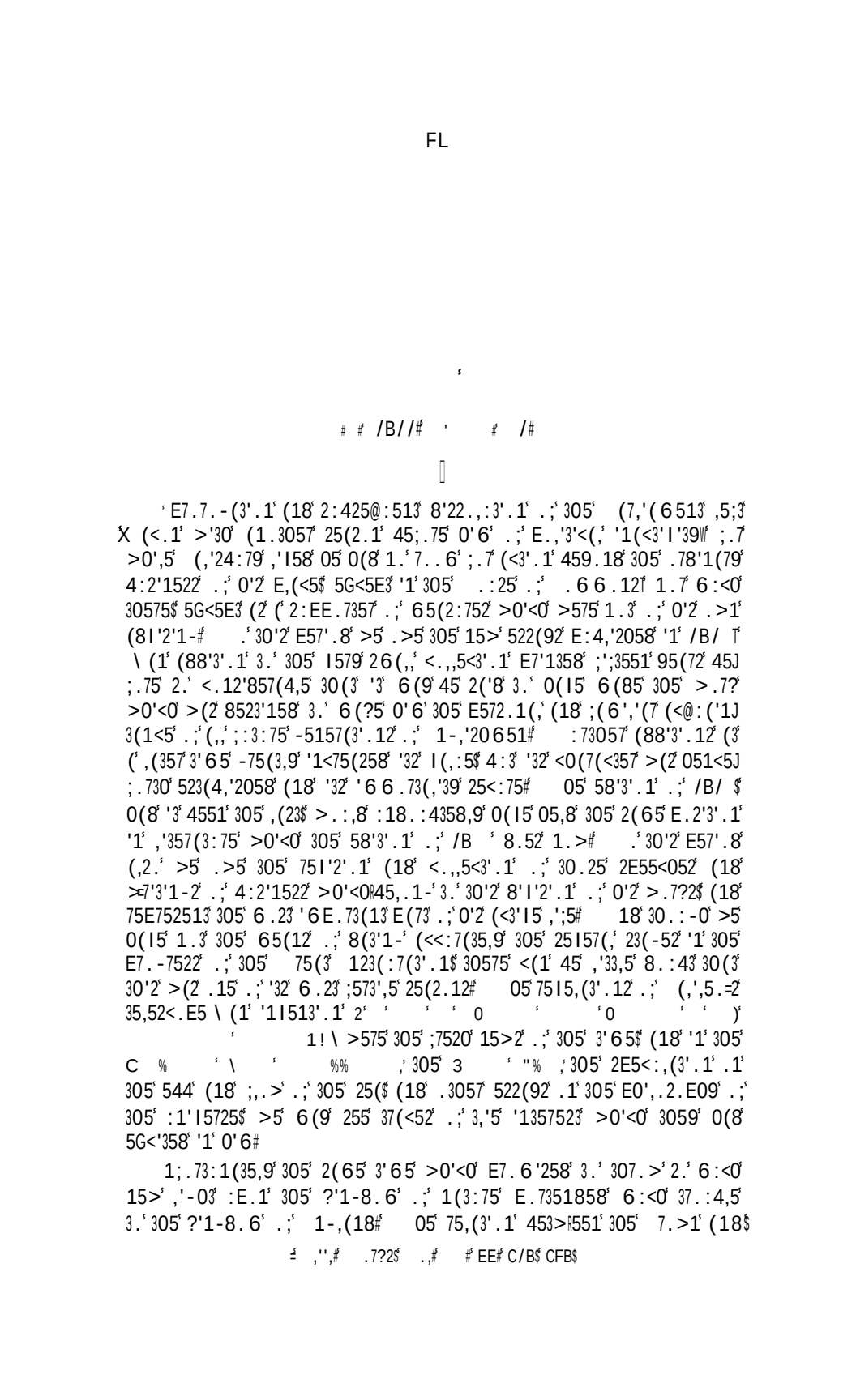
N 18 2.' (<<.78'1-,9 305 (7,'(6513 >(2 (8Q.:7158$ (18 ;7.6 3051<5 (8Q.:7158 49 .66'22'.1 3.' 2.65 .;' 305 .782$:2@:5 L 547#$ 305 '1-' 45'1-' (3 .923.1#P=

0525 (8Q.:71651320(8 4551 2.' 3'658 A49 305 <(75 .;' (,'24:79$ ' 30'1?$ 7(3,'57 30(1 305 '1-D= (2 3.' E75I513 305 .:25 ;7.6 8.'1-' (19 4:2'1522 (;357 305 H30 .;' .I56457$ (18 .1 305 L30 547:(79

ﬁ '7 # (?5 3.' (,'24:79$ F .I# # # .71# (652 # I.,# I'''# 1.# F # =' (7'# .4# 31 $ E# /H # *#$1,I; (=' 55<.E9 .;' (,53357 ;7.6 '7 # (?5 3.' (,'24:79$ F .<# # 8< # :2 # 7'3# ( ) ' ' B'

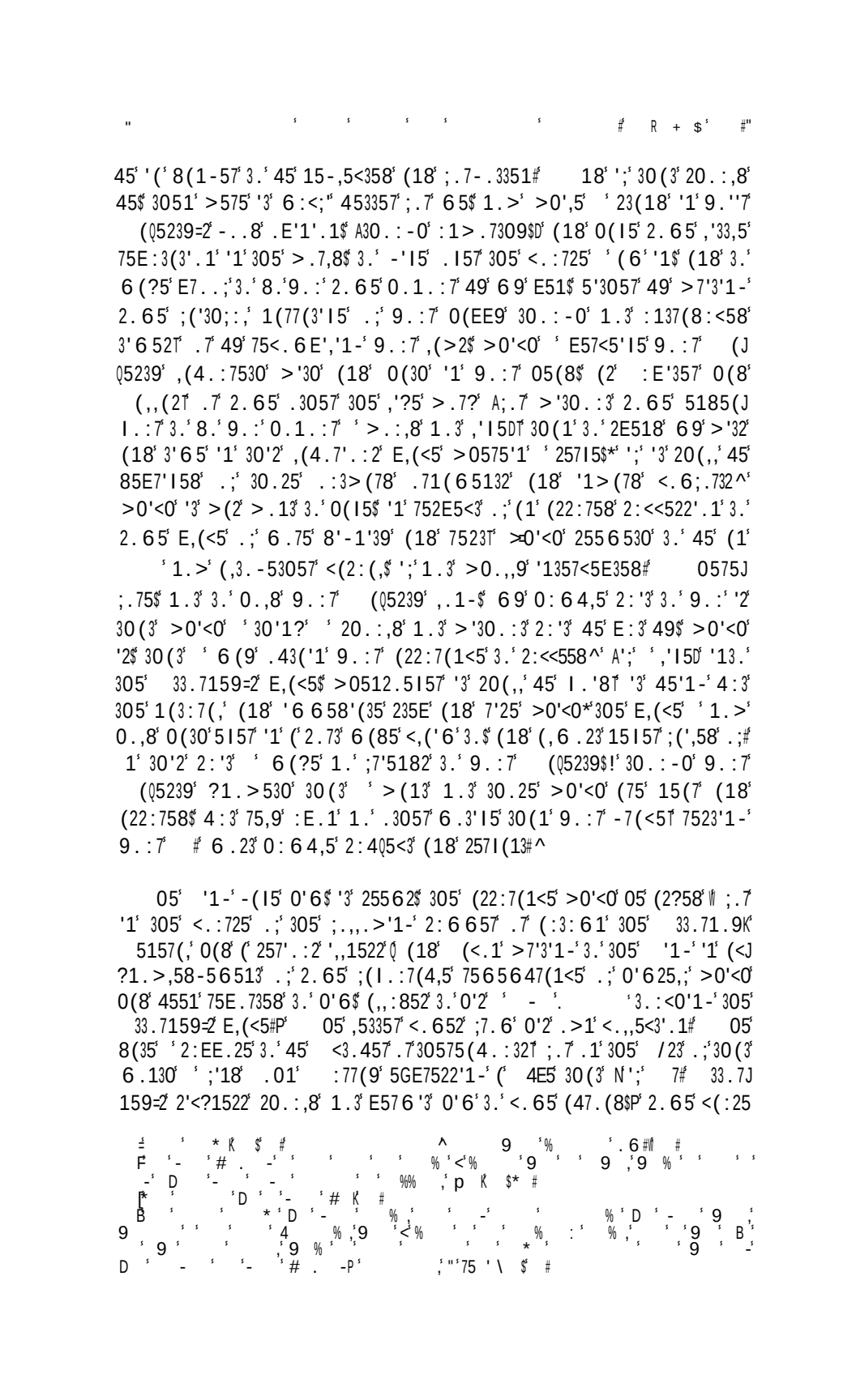
F

3''5 (7,'(651,T >(2 8'22.,I58# .3 30(3 (,'24:79=2 25<.18 E7.Q5<3 ;(',58 A(2 6'-03 '18558 0(I5 4551 5GE5<3580 6.75 2'-1(,,9 30(1 305 ;'723# 18 (' I579 -75(3 ;(',:75 '3 >(2$ >0.5I57 >(2 3. 4,(65 ;.7 '3# 0(3 4#5 ;(',58 3.-53 >0(3 05 ;'723 856(1858 >(2 1.-75(3 6(3357 305 856(18 >(2 5G.74'3(13$ (18 305 <0(1<5 .; >'11'1- A30.:-0 26(,,0 6'-03 0(I5 4551 -..8 51.:-0 3. 6(?5 '3 >.730 305 37'(,$ ';305 .1,9 <.125@:51<5 .; >'11'1-0(8 4551 3.-. >'30.:3 305 6.159# :3 30(3 >(2 ;(7 ;7.6 45'1- 305 <(25# 05,.1- 15-.3'(3'.1$ \ .E5158$ <(77'58 .1$ (18 47.?51 .;; (2 '3 0(8 4551$ \ ,5;3 305 8'2<.135132 .; 305 .:25 .; .66.12 (--7(I(358 (18 5G(2E57(358!49 8'2<:22'.1 (18 8'2(EE.'1366513$ (18 305 '1-=2 ;'1(1<52 >.725 564(77(2258 30(1 5157 45<(:25 305 1.3.7'539 .; 0'2 15<522'3'52 (18 305 :3357 ;(',:75 .; 30'2 -75(3 5;;.73 3. 75,'515 3056$;7.6 >0'<0 2. 6:<0 0(8 4551 5GE5<358$,5;3 0'6 1.3 .1,9 >'30.:3 6.159 4:3 >'30.:3 <758'3!$. 30(3 305 3576 2 .1 >0'<0 3059 E(7358$ 30.:-0 8'2E,5(2'1- (,'?5 3.4.30$ >575 '1;'1'35,9 3. 305 8'2(8I(13(-5 .; 305 '1-# 05 .6J 6.12 0(8 ,.23 1.30'1-T 1.30'1-(3 ,5(23 30(3 3.:<058 305'7 E(73'<:,(7 E.<?532 .7 ;55,'1-2 A;.7 .; 305 -5157(,5I',2 .;(' 8'237(<358 -.1571J 6513 3059 <(65 '1 .; <.:725 ;.7 305'7 20(750 '1 '1 2E'35 .; 305'7 :1J 758752258 -7'5I(1<52$ 3059 <.:,8 6(?5 6.159$ 4:',8 0.:252$;558 3056 25,I52$ <,.305 3056 25,I52$ 6(779 (18 -'I5 '1 6(77'(-5$ (2 6577',9 (2 5157# :3 305 '1-<.:,8 1.3 4.77.> / $ j# .;305 ,8576 51$ 3.E(9 0'2 6.23 E7522'1- 85432 >'30# 05 56 E3'1522 .; 305 G<05J @:57$ 305 20';32 (18 E57E,5G'3'52 .; 305 .78 75(2:757$ 45<(65 305 <.66.1 3(,? .; 305 .>1# 64(22(8.72 >575 3.,8 30(3 3059 6:23 >('3 ;.7 305'7 2(,(7'52# 512'.1572 >575 ;.7<58 3.3:71 8:12# 05 (:,=2K>(,?572 513573('158 3056 25,I52 >'30 >.1857'1- 0.> (,'24:79 >.:,8 2<7(E5 3.-53057 6.159 51.:-0 3.E7.I'85 305 :2:(,' 07'23 6(2 ;523'I'3'52# 18 30.:-0 305 .:25 .; .66.12 0(8 1.3 '1351858 3.379 305 5;;5<3 .; (42.,:35,9 75;:2'1- 305 2:EE,'52$ 3059 0(8 1.> (1 .EE.73:1'39 .; 255'1- >0(3 305 5;;5<3 >(2# 0(3 (<.1 30.:-03 .; (,,' 30'2 >0',5 '3 >(2 -.'1- .1$ 6:23 45 ,5;3 3. <.105<3:75 5G<5E3 (2 (' 75E.7357 .; .3057 651=2 2E55<052$ .7 (1 .<<(2'.1(,' '1357<522.7 3. 6.857(35 7(20 <.:125,2$ 05 (EE5(72 3. 0(15 0(8 1. E(73 '1 '3# ;> 0(3 05 30.:-03K(4.:3 '3 (;357>(782$ (18 >0(3 <.1<,:2'.12 05 875>;7.6 305 0'23.79 .; '3$ >5 20(,, 05(7 (' -..8 85(, E752513,9 (18 3051 '3 >',, 45 2551 >09 30.:-03 '3 15<522(79 3. 513577 2. ;:,,9 '13. 305 E(73'<:,(72 .; (' 37(12(<3'.1 >'30 >0'<0 05 0(8 2. ,'33,5 3. 8.#



45' '(' 8(1-57' 3.' 45' 15-,5<358' (18' ;.7-.3351# 18' ';' 30(3' 20.:,8' 45$' 3051' >575' '3' 6:<;" 453357';.7' 65$' 1.>' >0',5' ' 23(18' '1' 9.''7' (Q5239=2' -..8' .E'1'.1$' A30.:-0' :1>.7309$D' (18' 0(I5' 2.65',''33,5' 75E:3(3'.1' '1' 305' >.7,8$' 3.' -'I5' .I57' 305' <.:725' ' (6' '1$' (18' 3.' 6(?5' E7..;' 3.' 8.' 9.:' 2.65' 0.1.:7' 49' 69' E51$' 5'3057' 49' >7'3'1-' 2.65' ;('30;:,' 1(77(3'I5' .;' 9.:7' 0(EE9' 30.:-0' 1.3' :137(8:<58' 3'652T' .7' 49' 75<.6E','1-' 9.:7',(>2$' >0'<0' ' E57<5'I5' 9.:7' (J Q5239' ,(4.:753O' >'30' (18' 0(30' '1' 9.:7' 05(8$' (2' :E'357' 0(8' (,,(2T' .7' 2.65' .3057' 305' ,'?5' >.7?' A;.7' >'30.:3' 2.65' 5185(J I.:7' 3.' 8.' 9.:' 0.1.:7' ' >.:,8' 1.3' ,'I5DT' 30(1' 3.' 2E518' 69' >'32' (18' 3'65' '1' 30'2' ,(4.7'.:2' E,(<5' >0575'1' ' 257I5$*' ';' '3' 20(,,' 45' 85E7'I58' .;' 30.25' .:3>(78' .71(651132' (18' '1>(78' <.6;.732^' >0'<0' '3' >(2' >.13' 3.' 0(I5$' '1' 752E5<3' .;'(1' (22:758' 2:<<522'.1' 3.' 2.65' E,(<5' .;' 6.75' 8'-1'39' (18' 7523T' >0'<0' 2556530' 3.' 45' (1' ' 1.>' (,3.-53057' <(2:(,$' ';' 1.3' >0.,,9' '1357<5E358# 0575J ;.75$' 1.3' 3.' 0.,8' 9.:7' (Q5239' ,.1-$' 69' 0:64,5' 2:'3' 3.' 9.:' '2' 30(3' >0'<0' ' 30'1?' ' 20.:,8' 1.3' >'30.:3' 2:'3' 45' E:3' 49$' >0'<0' '2$' 30(3' ' 6(9' .43('1' 9.:7' (22:7(1<5' 3.' 2:<<558^' A';' ',I5D' '13.' 305' 33.7159=2' E,(<5$' >0512.5I57' '3' 20(,,' 45' I.'8T' '3' 45'1-' 4:3' 305' 1(3:7(,' (18' '6658'(35'235E' (18' 7'25' >0'<0*'305' E,(<5' ' 1.>' 0.,8' 0(30'5157' '1' (' 2.73' 6(85'<,('6' 3.$' (18' (,6.23' 15157';(',58'.;# 1' 30'2' 2:'3' ' 6(?5' 1.' ;7'5182' 3.' 9.:7' (Q5239$!' 30.:-0' 9.:7' (Q5239' ?1.>530' 30(3' ' >(13' 1.3' 30.25' >0'<0' (75' 15(7' (18' (22:758$' 4:3' 75,9' :E.1' 1.' .3057' 6.3'I5' 30(1' 9.:7' -7(<5T' 7523'1-' 9.:7' # 6.23' 0:64,5' 2:4Q5<3' (18' 2571(13#^

05' '1-' -(I5' 0'6$' '3' 25562$' 305' (22:7(1<5' >0'<0' 05' (2?58' W ;.7' '1' 305' <.:725' .;' 305' ;.,,.>'1-' 2:6657' .7' (:3:61' 305' 33.71.9K' 5157(,' 0(8' (' 257'.:2' ',,1522'Q (18' (<.1' >7'3'1-' 3.' 305' '1-' '1' (<J ?1.>,58-56513' .;' 2.65' ;(I.:7(4,5' 756564 7(1<5' .;' 0'625,;' >0'<0' 0(8' 4551' 75E.7358' 3.' 0'6$' (,,:852' 3.' 0'2' ' - '. ' 3.:<0'1-' 305' 33.7159=2' E,(<5#P' 05',53357' <.652' ;7.6' 0'2' .>1' <.,,5<3'.1# 05' 8(35' ' 2:EE.25' 3.' 45' <3.457' .7'30575(4.:321' ;.7' .1' 305' /23' .;'30(3' 6.130' ' ;'18' .01' :77(9' 5GE7522'1-' (' 4E5' 30(3' N';' 7# 33.7J 159=2' 2'<?1522' 20.:,8' 1.3' E576'3' 0'6' 3.' <.65' (47.(8$P' 2.65' <(:25



/B//#a' ' :(' ' ' ' # HF

'1' I7,''<0' ,'5' >(2' '135752358' 6'-03' 45' E:3' .;' 3',,' 305' 15G3' 0:728(9$ N' 49' >0'<0' 3'65' 05' 0.E58' 05' >.:,8' 45' >5,,#P*

' <, ,%' *' + :/' ' +,' - ')$ ' (%' % , ./ #"

3' 6(9' E,5(25' 9.:7' 6.23' 5G<5,,513' (Q5239$

' 8.' :185723(18' 49' 2.65' .;' 7(9' -..8' ;7'5182$' 3.' 69' -75(3' <.6;.73$' 30(3' 9.17' (Q5239' 0(30' '1' 6'18' 9.:7' (Q5239=2' 7.9(,' E7.6'25$' A>0'<0' 3.' 65' '2' % ' ,' 3.:<0'1-' 305' 33.7159=2' E,(<5# ' 0.E5' 7# 33.7159' 20(,,' 8.' >5,,# ' 30(1?' .8' ' >'20' 1.' 6(1=2' 85(30'!' 1.7' 6:<0' 6'15'.>1',';5$' 6.75'30(1'3.' 8.' 9.:7' (Q5239' 257I'<5# .7' ' (<<.:13' 69',';5' 305' (<<'8513$' (18' 69' 8:39' 305' 2:423(1<5# :3' 30'2' ' >',,' 45' 4.,8' 3.' 2(9!' ';' '3' E,5(25' .8' 30(3' ' 5I57' 257I5' 9.:7' (Q5239' '1' 305' 33.7159=2' E,(<h$' 0(I5'?1.>1'(1' 33.7159' ..?5$' (18' (1' 33.7159' :4K' 0578$' 4.30' >.7309' 651'(18';(7'(4.I5' 6925,,'!' 4:3' ';' ' 20.:,8' 1.3' ;'18' (' 6'88,5' >(9' 453>551' 305'7' 3>.' 8'2E.2'3'.12' (18' <(77'(-5$' ' 20.:,8' 1.3' 2(3'2;9' 6925,;# 13' 30525' 30'1-2' (75' ;(7' .7' 15(7$' (2' '3' 20(,,' E,5(25' .8# 5(1>0',5' ' 6.23' 0:64,9' E7(9' 9.:7' (J Q5239' (<<5E3' 69' 2(<7';'<5' .;' 30(1?2-'I'1-';.7' 9.:7'-7(<'.:2';(I.:7# .8' E7525715' 9.:7' (Q5239# ' 5I57' 756('1 \

>.',533572' .;' .78'1(79' 4:2'1522$' (18' .15' .;' .78'1(79' <.6E,'6513' :E.1' (' 5>' 5(7=2' 3'85$' (,,' (88752258' 3.' (,'24:79$' 6(?5' :E' 305' 756('1'1-' <.7752E.1851<5' .;' 30'2' 95(7#

05' ;'723' 75,(352' 3.' (' 7.<,(6(3'.1' <.1<571'1-' 305' I(,:5' .;' <.'12$' >0'<0' A8:7'1-' .4(73=2' ',,1522' (<.1' 0(8' (EE(7513,9' 75<5'I58' 8'J 75<3'.12' ;7.6' (,'24:79' 3.' 87(>#' E7.<,(6(3'.1' (12>57'1-' 305' 852<7'E3'.1' =(2' E:4,'2058' .1' 305' F78' .;' .I5645 7' /B//# :3' (2' ' 8.'1.3' ?1.>' 30(3' (<.1'0(8' (1930'1-' 3.' 8.' >'30' '3' 459.18' 305' 5G5J <:3'.1' .;' 0'2' '1237:<3'.12$' .7' 30(3' (19' 87(;3' 0(2' 4551' E7525I58' ;7.6' >0'<0' (1930'1-' <(1' 45' '1;57758' (2' 3.' 0'2' .>1' E7'I(35' .E'1'.1' '1' 305' 6(3357$' ' 1558' 1.3' 8.' 6.75' 30(1' 75;57' 2:<0' 75(8572' (2' (75'<:7'.:2' 3.' 305' ..?' .;' 7.<,(6(3'.12$' E# # 05'.4Q5<3' >(2' 3.' E751513' 305' 5GE.73(3'.1' .;' -.,8$' 49' 756.I'1-' 305' '15@:(,'39' 453>551' 305' E7'<5' (3' 0.65' (18' 305' E7'<5' (47.(8' ;.7' '3' 2556'2' 30(3' 305' -.,8' E'5<5' >0'<0' >(2' 3051' <:7751' 3' '1' 1-,(18' ;.7' ' 20',,'1-2' >(2' I(,:58' '1' ;.75'-1' E(732' (3' $(18' .30572' '1' 305' 2(65' E7.E.73'.1# 1' 30(3' E7.E.73'.1' 305' E7'<5' .;' (,,' -.,8'<.'12$' .,8' (2' >5,,' (2' 15>$' >(2' 3.' 45' 7('258# 3

* .01' :77(9' 3.' (,'24:79$ /' <3# /B//# # # .6# (652' #$I.,# BB$1.# L# ¢ 88,# # F$';.# H #

HH' ' ' ' ' ' ' R + $'

2556 2' 3. ' 0(I5' 4551' (' 6 5(2 : 75' 2 : - - 52358' 49' 305' '1 -' 0' 6 25, ;# ' 05' 7. <, (6 (3' . 1$' A2(92' : 6 E0759' (9$' > 7' 3' 1 -' 3. ' (, '24 : 79' . 1' 305' 18' . ;' . I5 6 457' ,, D' > (2' I579' >5, <. 6 5' : 13. ' 0' 6 $' (18' 05' 3. , 8' 6 5' 305' 45 -' 1' #' Q' -' (18' 305' E7. <522' . ;' 305' 752. , : 3' . 1' ; . 7' ' 3' 453 > ' G3' 0' 6 25, ;' (18' 9. : 7' . 7820' E# 5' 2('8' 9. : ' > 575' < ., 8' ' 1' ' 3' (3' ; ' 723$' (18' 05' > (2' -, (8' 3. ' ; ' 18' (1' 5(715231522' ' 1' 9. : ' ; . 7' ' 3' 1. > $' 75Q. ' < ' 1 -' 30 (3' 05' 4 (8' > . 1' 9. : ' 3. ' 0' 2' . E' 1' . 1#Po

. ' ' # + / ' 7, % ' 0' # + , ' # +
%, /) %, %' *' 2 0 S

3' 6 (9' E, 5(25' 9. : 7' . 7820' E$
' 753 : 71' 9. : 7' - . . 8' . 7820' E=2' 6 ' 1 : 35' T' 5G<5, , 513, 9' ' 1' 6 9' . E' 1' . 1' 75; . 7 6 58' ; 7. 6 ' 305' ; ' 723' 87(: - 03' ' 1' 2. 6 5' E. ' 132' . ; ' 2 : 4J 23(1<5# ' 2518' , '?5 > '25' (' <, (: 25' > (77(13 ' 1 -' 305' 2 : 4Q5<3' 3. ' 75; : 25' - . , 8' , ' - 0357' 30(1' 305' 5 6 58' 52' 5GE752258$' > 0' < 0' ' 2' 1. ' 15 >' 85 I ' <5$' 4 : 3' 305' 2(6 5' > ' 30' L^' , ' M$*
' ; ' 18' (, 2. ' 7# : 44, 58(9' 3. ' 6 (? 5' ' 3' (' 30 ' 1 -' 8' ; ; ' < :, 3' 3. ' 1(6 5' 305' E' 5<52' . ; ' 6 . 75' (1<' 513' <. ' 1' 30(1' 0' 2' (Q5239=2$' ; . 7' > 0' < 0' ' 0(I5' , '?5 > '25' 2513' (' <, (: 25# 0' 2' , (23' <, (: 25' ' 2' ' 6 6 58' (35, 9' 3. ' ; . ,, . > ' 305' (4, 5' . ; ' 305' <. ' 12' 5GE752258# 05' <, (: 25' . ; ' 305' > 5' - 03' ' 2' 3. ' < . 6 5' , (23' . ; ' (, ,#
. ' > ' 30' 6 9' E7(9572' ' 7523
. : 7' . 7820' E=2' 6 . 23' 0 : 6 4, 5' (18' 4. : 1851$
' $

05' 15G3' , 53357' ' 2' > 7' 3351' . 1' 305' ; , 9' , 5(; ' . ; ' (' E53' 3' . 1' ; . 7' <573('1' <. 1<5(, 58' , (182$' > 0' < 0' 0(8' 4551' 75; 57758' ' 1' 305' ; ' 723' ' 123(1<5' 3. ' R ' , , ' (6' 9EE57' W > 0. 25' (12 > 57' ' 2' > 7' 3351' (3' 305' 3. E$' ' 1' 30525' > . 782' W N' 2' < . 1<571' 1 -' 305' , (182' < . 13('158' ' 1' 30' 2' E53' 3' . 1$' ' <(1' 2(9' 1. J 30' 1 -' : 13. ' 3056# /L' . I5 6 457' /B / /#
G# E' 65' ', , 6# 9EE57#P

* # # . 6# 1652' #$' I. , # BC$' 1. # HF#
K' # # . 6# (652' #$' = ' 1. # / F# 7' - ' 1(, W . >1' 0(18# . <35358'
N' <3. 457' /B / /$ ' 7' 7(1<' 2' (<. 1' 3. ' 69' . 78#P
N N' 18' ; . 7(26 : <0' (2' 305' - 75(357' E7' <5' ' 2' 253' : E. 1' . : 7' <. ' 12' . ; ' - . , 8$' > 0' < 0' ' 2' , '?5' (, 2. ' 3. ' 45' (' 65(12' 3. ' 87(>' ; . 730' - . , 8' 3. ' 45' 6 . 75' : 2 : (, ' ' 1' E(9 6 5132' 30(1' . ; ' , (35' ' 3' 0(30' 4551$' 305' 6 . 75' <. 1151' 513' ' 3' ' 2' 30(3' 1. ' E' 5<52' . ; ' - . , 8' > 0' < 0' (75' 45<. 65' , ' - 03' 49' (19' <, ' EE' 1 -' . 7' > (20' 1 -' . 7' 305' , ' ?5' E7(<3' <52$' 45' E : 3' : E. 1' . : 7' , . I' 1 -' 2 : 405<32' ' 1' (19' E(9 6 5132' 3. ' 305' 7' E750 : 8' <5$' ' ; ' 305' 85; 5<3' 45' 1. 3' > ' 30' 1' 30(3' 26(, ' (4(35 6 513' > 0' < 0' 6 : 23' 45' 49' 75(2. 1' . ; ' 305' ' 1<573(' 139' . ; ' 305' 205(7572' (3' 305' 6 ' 13' Q >5' 0(15' 30. : - 03' - . . 8' (<<. 78' 1 -' 3. ' 305' E75<58513' . ; ' (' 7. <, (6 (3' . 1' 6 (85' ' 1' 305' 1' 15' (18' 3 > 513' 530' 95(7' . ; ' 305' 75' - 1' . ; ' . : 7' , (3(85(7' 2' 2357' % : 551' , ' M(4530$' > 0' < 0' <. 13' 1 : 58' ' 1' . : 7 < 5' 3' , , ' 057' 85<5(25$' 3. ' 85<, (75$' (18' 49' 30525' E7525132' > 5' 8. ' 85<, (75$' 30(3' ' 3' 20(, ' 45' ; 755' (18' , (> ; : ; ' . 7' (, ' (18' 51579' . : 7' , . I' 1 -' 2 : 405<32' 3. ' 75; : 25' " ' (19' E(9 6 5132' (, , ' E' 5<52' . ; ' - . , 8' > 0' < 0' 20(, , ' 45' , ' - 0357' 30(1' (<<. 78' 1 -' 3. ' 305' 756 5J 8' 52' . 7' (4(35 6 5132' 0575(; 357' ; . , , . > : ' - #P . . ?' . ; ' 7. <, (6 (3' . 12$' E# #

185715(30' >0'<0' '2' >7'3351' 305' ;.,,.>'1-'<573';'<(35'49' (<.1' (88752258' 'E752:65'3.' (,'24:79#*

3' 6(9'E,5(25'9.:7' .7820'E$

0'2' <(25' 8';;57530' ;7.6' 305' -5157(,' <(25# .7' '3' 2556530' #305' ,(182' 2:58' ;.7' (75' '1' ;5.;;6513' 3.' 305' :21' .;' (' 2<0..,' '1' ?50(6E3.1' '1' 51.120'751' (18' 3>.' .;' 305';5.;;552$ 45'1-';.:7' '1' 1:6457$ (18' ,'?5>'25' 305' :1857351(132';'18'1-' (18' (<?1.>J ,58-'1-' 305' >5(?1522' .;' 305'7' 523(35$ 0(15'47.:-03' 305' 2:'3' 3.' 305' E53'3'.157' 3.' 305' 518' 3.' 0(15' '3' <.1;'7658$ (18' 305' E53'3'.157' '2' <.1351' 30575' 45' 1.' 8'6'1:3'.1' (3' (,,$ 4:3'7(3057' '1<75(25' .;' 30(3' (,,.>(1<5' >0'<0' -.530' 3.' 305' -..8' :251' (18' 255?530' 4:3' 305' 4515;'3' .;' 30(3' .157E,:2' >0'<0' -.530' 3.' 2.65' .;' 305';5.;;552± E7'I(35' E:7252# 5157305,522$ 45<(:25' '3' 2556530' 3>.' .;' 305' ;5.;;552' 8.' 1.3' Q.'1$' '3' >575' -..8',533572' >575' 865<358' 3.' 3056' 3.' ?1.>' >0(3' 3059' <(1' 2(9$ >09' 305' 23(35' .;' 30.25',(182' 20.:,8' 1.3' 45' 5K23(4,'2058' 3.' 305' -..8' :252$ >'30' 2.65' 75(2.1(4,5' <.1J 2'857(3'.1' 3.' 45' -'151' 3.' 305' E53'3'.157$ (18' <.6E.2'3'.1' 3.' 0'2' (Q5239#

.:7' E2# 6.23' 4:64,5$

; %' #

F' .I# /B//#

05' 756('1'1-',53357' 0(2' 1.' 8(35$ 4:3' 6:23' 0(15' 4551' >7'3351$ ' 30'1?$ .1'305' /23'.;' (1:(79' /B//K/ # '5'?:.>'30(3' '1' 305' (:3:61' .;' /B/ /' 305' # 33.7159' 5157(,' 0(8' (1' ',,1522$ 257'.:2' 51.:-0' 3.' 7('25' 305' @:523'.1' >0.' 20.:,8' 2:<<558' 0'6' ';' 05' 8'8' 1.3' 75<.157# 5' 0(15' 2551' >0(3' (<.1' >7.35' 3.' 305' '1-'.1' 30(3' .<<(2'.1$ (18' '3' '2' 3.' 45' E752:658' 3,'(3' 5'3057' 49' ,53357' .7' >.78' 05' 6(85' 2.65' <.66:J 1'<(3'.1' 3.' (,'24:79# ;' 05' 75<5'158' (';(1.:7(4,5' (12>57$ \ (18' '3' '2' 1.3' ,'?5,9' 30(3' 45' 75<5'158' (19' .3057$;.7' (,'24:79' >(2' 25,8.6' .3057>'25' 30(1' ;7'518,9' % ' 4 $ \ 30'2' '2' 5G(<3,9' 305' ?'18' .;' ,53357' 05' 6'-03' 0(15' 4551' 5GE5<358' 3.' >7'35' 3.' 0'6' >K051' 305' 25(2.1' .;' <.6E,'6513' <(65'7.:18# 18'30.:-0' >5' 20(,' 255'0575J (;357' 30(3' 30575',(9':1857' '3' (' 855E' 8'2(EE7.4(3'.1' .;' 0'2' 75<513' E7.J <558'1-2$ (18' 5151' (' 851.:3' >'20' '1' 305' '13575232' .;' 305' <.:1379' 30(3' 05' >575' .:3' .;' 305' >(9$ '3' >(2' E7.4(4,9' 37:5' 30(3' (2',.1-' (2' 05' 05,8' 0'2' E,(<5' (18' 1.3,''1-' <.:,8' 45' 8.15' >'30.:3' 0'2' <.1<:775:<5# (<.1' 852'758' 1.30'1-' 6.75' 30(1' 3.' .43('1' '1;,:51<5' >'30' 0'6#

! # /j# .6# (652' #$ I.,# BC$ ##F

q

< , ,% <)0 % , /)%,% /)%)$,

, %./ o , K

3 6(9E,5(259.:7-..8 .7820'E$

R=I.:,8'1375(3 305 15>95(7 3.(12>57;.7 305.,8$'1 7(9 0:64,5 30(1?2 3.9.:7 .7820'E$ 4.30;.7 6(199.:7;(I.:72$ (18 <0'5;,9 30(3 :E.1 305.<<(2'.1.; 7# 33.7159=2 '1;'76'39 ;.:18 9.:7 .7820'E 5I51 (2 >.:,8 >'20# 0'2 8.30 '1<75(25 (852'75 '1 65 3.5GE7522 69 30(1?;:,6'18 3.9.:7 .7820'E 0.E'1- 30(3 30.:-0 ;'18 (-5 (18 85<(92 -7.>:E.1 65$ 953 6(90(I5('; ,(20 .73>.;2E'7'3 ,5;3 3.8.9.:2571'<5# 18 8. E7.3523 45;.75 .8$ >'30.:3 <.6E,'6513 R.7 (19 ,'-03 I5'1 .; 6'18$ 30(3';? ?15>'1>0(3<.:725.;,';5 3.8.9.:4523 2571'<5$ >.:,8 3(?5'3$ (18 6(?5 69 30.:-032$ >0'<0 1.>;,9 3.6(19 E'5<5j$ 45 758:<58 3. 30(3 <51357# :3 (,, 30'2 '2 1. 6.75 30(1 (6$ >0'<0 '2 1.3 6:<0$ 4:3 953 305 513'75 .; 0'6 30(3 '2 \

1.3057 ,53357 .; ;7'518,9<.6E,'6513 3. .15 >0.6 (<.1 0(8 .;351 '1 ;.7657 3'652 ;.:18 (;7'518 '1 1558$ 45,.1-2 3. 305 45-'1J 1'1-.; 30'2 15>95(7$ (18 (;;.782 (1 (-755(4,5 E7..; 30(3 305 75,(J 3'.1.;4.77.>57(18 ,51857 8.52 1.3 15<522(7',9 518 '1 5237(1-56513# 05.<<(2'.1 6:23 45 '1;57758;7.6 305,53357 '325,;# 3 '2 E,('1 30(3 '1 2.65 5657-51<9$ (-..8 >0',5 45;.75# (<.1 0(8 4551.4,'-58 3. 4.77.> (E('7 .; 23.<?'1-2 ;7.6 (89 '<?52 .7 057 8(:-0357$ (18 0(8 15-,5<358 3. 753:71 3056# 5 3(?52 (81(13(-5 .; (15>95(7=2 3'85 3.<.1;522 305 ;(:,3 (18 75E(9 305.4,'-(3'.1#

05 ;'723 251351<5 '30E,'52 (;(<3 >0'<0 '3 '2 E,5(2(13 3.?1.> ;.7 3(?5 '3 30(3 305 85432 >0'<0 (<.1 0(8 .>58 3. '7 '<0(5,' '<?52 >575 05(19 .152#

.

'7 '<0(5,$

8. :25 (2 9.:?1.> 3. E(9 69 85432 >'30 3'65# :3 '1J 8558 ';9.: >',; 0(15 (-..8 (18 E(73'35 <.,.:7 '1 (<(71(3'.1 $ 23.<?'1-'3 6:23 45 ,.1-'1 305 895'1-# 0(15 2.65 2<7:E,5 .; <.12<'51<5 >053057 '3 >(2 69 (89=2 23.<?'1-2.7 057 8(:-0357=2$ (18 >.:,8 0(15 305 7523'3:3'.1 3. 45 3. 305 7'-03 E572.1$ 5,25 20(,; 1.3 0(15 (42.,:3'.1# 0575;.75 0(15 2513 3.3056 4.30#

88'# # F$;.# HF# 4# (128# # # ;.# /FL# 7'-#\ .cl1 0(18#

‘1I‘35‘ (‘2>(76‘ (:8‘ 2:7<,‘(7-5‘ .;‘ E..7$‘ 3,‘(:‘ 75,‘5I5‘ 30.25‘ 30(3‘ (75‘1(3:7(,,9‘ 4758‘‘1‘ 30(3‘ E,(<5T‘ ,‘?5‘3.’‘,,K356E5758‘ 658‘<‘152$ 30(3#‘87(>‘ 6.75‘0:6.:7‘3.‘3,‘5‘ E(73‘30(1‘3059‘5I(<:(35‘;7.6‘‘3# :3‘<0‘5;,9‘ /‘ 75,9‘:E.1‘305‘75(2.1‘30(3‘ ‘ 3.:<058‘ ‘1‘305‘45-‘1J 1‘1-‘T‘ 30(3‘ ‘1‘ 30525‘ -75(3‘ 0.2E‘3(,2‘ 305‘ 75I51:52‘ >‘,,‘87(>‘305‘ $:25$‘ (18‘1.3‘305‘ :25‘305‘75I51:52‘T‘ (18‘2.‘307.:-0‘305‘6(22‘.;‘ 305‘7‘ >5(,30‘3059‘ >‘,,‘ 2>‘;3,9‘3:64,5‘8.>1‘3.‘ (‘ 6‘2K56E,.9K‘ 6513# 18‘ ‘;‘(19‘6(1‘2(9‘30(3‘‘1‘305‘3>.‘0.2E‘3(,2‘‘1‘ Q.18.1‘ 30575‘‘2‘ (‘E75<5851‘3 .;‘ -75(31522‘ <.1<:77‘1-‘ >‘30‘--.8‘56E,.9J 6513$,53‘0‘6‘ <.12‘857‘30(3‘30.25‘0.2E‘3(,2‘0(I5‘(11:(,‘--.I57J 1.72‘T‘ 30(3‘3059‘(7h‘:1857‘305‘2:E57‘.7‘<(75‘(18‘E.,‘<9‘.;‘2:<0‘(‘ 23(35‘(2‘305‘<‘39‘.;‘ .18.1T‘(18‘<0‘5;,9$‘30(3‘305‘7‘75I51:52‘ <.12‘23‘1.3‘:E.1‘<573(‘13‘52$‘4:3‘:E.1‘<(2:(,3‘52‘(18‘;755‘-‘;32$ >0‘<0‘-‘;32‘>.:,8‘45‘>‘3005,8‘ ‘;‘3059‘(EE5(758‘.1<5‘3.‘45‘E57J I57358‘T‘ 2.‘(2‘‘3‘?55E530‘3056‘‘1‘(‘<.13‘1:(,‘-..8‘450(I‘.:7‘(18‘ (>5‘3.‘56E,.9‘3056‘(7‘-03T‘1.15‘.;‘>0‘<0‘E.‘132‘8.‘6(3<0‘ >‘30‘305‘E752513‘<(25#

05‘15G3‘<.12‘857(3‘.1‘6(9‘45$‘>053057‘30‘2‘‘1351858‘0.2J E‘3(,$‘(2‘‘3‘0(30‘(‘6.75‘(6E,5‘518.>6513‘30(1‘.3057‘0.2E‘3(,2$ 20.:,8‘1.3‘,‘?5>‘25‘>.7?‘:E.1‘(‘45335T‘2:4Q5<3‘30(1‘.3057‘E..7T‘ (2‘30(3‘‘3‘20.:,8‘45‘<.1I57358‘3.‘305‘75,‘5;‘.;‘6(‘658‘2.,8‘572$ 85<(958‘657<0(132‘(18‘0.:250.,8572$‘(-58‘(18‘8523‘3:35‘<0:7<0J 651$‘(18‘305‘,‘?5‘T‘>0.25‘<.18‘3‘.1$‘45‘1-‘.;‘(‘45335T‘2.73‘30(1‘ ,..25‘E5.E,5‘(18‘45--(72$‘85257I530‘4.30‘(‘6.75‘,‘457(,‘23‘E518‘ (18‘(,,.>(1<5$‘(18‘2.65‘E7.E57‘E,(<5‘.;‘75,‘5;$‘1.3‘‘13576‘1-,58‘ .7‘<.:E,58‘>‘30‘305‘4(2523‘2.73‘.;‘E..7# 0‘<0‘E7.Q5<3$‘30.:-0‘ 2E5<‘.:2$‘953‘‘1‘69‘Q:8-6513‘>‘,,‘1.3‘(12>57‘305‘852‘-165‘‘3‘ ‘1‘305‘5I513$‘‘1‘30525‘.:7‘3‘652# .7‘<573(‘1,9‘;5>‘651‘‘1‘(19‘ I.<(3‘.1$‘>0‘<0‘0(I5‘4551‘2.654.89$‘(18‘45(7‘(‘6‘18‘2.65>0(3‘ (<<.78‘1-‘3.‘305‘<.12<‘51<5‘(18‘75656 47(1<5‘.;‘30(3‘3059‘0(I5‘ 4551$‘>‘,,‘5I57‘852<518‘3.‘30(3‘<.18‘3‘.1‘(2‘3.‘E7.;522‘3.‘,‘I5‘ :E.1‘(,62$‘(18‘3.‘45<.65‘(‘<.7E.7(3‘.1‘.;‘85<,(‘=58‘45--(72T‘ 4:3‘7(3057‘>‘,,‘<0..25‘3.‘,‘I5‘.42<:75,9$‘(18‘(2‘‘3‘>575‘3.‘0‘85‘ 30562 5,I52‘>‘30‘2.65‘E7‘I(35‘;7‘5182\# 2.‘30!3‘305‘518‘>‘,,‘45‘.;‘ 2:<0‘(1‘‘123‘3:3‘.1$‘30(3‘‘3‘ >‘,,‘ 6(?5‘305‘E,(<5‘(‘75<5E3(<,5‘.;‘ 305‘>.‘K23$‘‘8,523$‘(18‘6.23‘8‘22.,:35‘E572.12‘.;‘51579‘E7.;522‘.1$ (18‘3.‘45<.65‘(‘<5,,‘.;‘,.‘357572$‘(18‘<(23‘257I‘1-K651$‘(18‘ 87:1?(782$‘>‘30‘2<(18(,‘7(3057‘30(1‘;7:‘3‘3.‘305‘<.66.1>5(,30# 18‘.;‘30‘2‘?‘18‘ ‘<(1‘;‘18‘4:3‘.15‘5G(6E,5‘>‘30‘:2$‘>0‘<0‘‘2‘ 305‘(,62‘?1‘-032‘.;‘ =‘182.7T‘>0‘<0‘E(73‘<:,(7‘>.:,8‘-‘I5‘(‘6(1‘ 26(,‘51<.:7(-5651‘3.‘;.,,.>‘30(3‘E75<5851‘3#

Q ' ' ' = ' # F

0:24(1879$ (18' (EE7513'<52' ;.7' 37(85T' (18' .1' 305' .3057' 2'85' 3,'57<' 45'1-' 6.75' 2<0.,(72' 4758' 30(1' 305' 23(35' <(1'KE75;57' (18' 56E,.9$ (18' 305' (<3'I5'E(73' .;' 30(3',';5'1.3'45(''1-' I' E7.E.73'.1' 3.' 305' E75E(7(3'I5$ '3' 1':23' 15582';(,' .:3' 30(3' 6(19' E572.12' >',' 45' 4758' :1;'3' ;.7' .3057' I.<(3'.12$ (18' :1E7.;'3(4,5';.7# 30(3' '1' R>0'<0' 3059' (75' 47.:-03' :E'T' >0'<0';',,2' 305' 75(,6$;:,,' .;' '1J 8'-513$' '8,5$ (18' >(13.1' E5.aF,5$ >0'<0' (75' 4:3' ' '

* ' # [$ R

0575;.75$ '1' 30'2' E.'13$ ' >'20' 7# :33.1=2' '13513'.1' >575' 5G(,358' (' #85-755$ 30(3' 30(3$>0'<0' 05' 65(13';.7'35(<0572'.;'<0',J 8751$]'9.:7K] (Q5239'20.:,8' 6(?5';.7'35(<0572'.;' 651# 0575'1' '3' 0(30' 4551' 69'(1<'513'.E'1'.1' (''H' .4257I(3'.1$ 30(3' '1'305' :1'I572'3'52'.;'30'2'75(,6' A>0'<0' ' 3(05'3.'45'.;'305'4#523'518.>58' :1'I572'3'52'.;' :7.E5D' 30575' '2'1.30'1-' 6.75' I(13'1-'3.>(782' 3,'%;,.:7'20'1-'23(35'.;',5(71'1-'30(1'305'0.1.:7(4,5'(18'E,513'K' '0,' 2(,(1 2'.;' 75(8572'1' (732'(8'E7.;522'.12# 1' >0'<0' E.'13$ 2'9.:7' (Q5239=2'4.:139' (,75(89'0(30' 6(85'(' 45-'11'1-$ 2.'30'2' .<<(2'.1''2R.;;5758'.;' .8'3.' 6(?5'(' E7.<558'1-# :75,9'75(8572' R'1' 305' <0('7#(75'(2'305' ' '1' 2<'51<52$ (18'85257I5'3.'51Q.9' <.18'3'.1'1.3' '1;57'.7'3.'305'7' <0',8751'30(3'56 47(<5'305'E7(<J 3'<(,' E873'T' 5,25'1.' 6(1' >',' 2'3',.1-57' '1'305' <0('7' 30(1'3',,'05' <(1' >(,?' 3.' (' 45335 7' E75;57 6 513'W (18' '3' >',' <.65'3.'E(22'(2' '7-',' 2(92$

3' E(37:6' '1I(,'8" 7h;h7(13'Q5Q:1'('1(3'#

.7' ';'305' E7'1<'E(,' 75(8572'307.:-0' 305' 65(11522'.;'305'7' 51357J 3('1 6 513'45'4:3' 651'.;'2:E57;'<'(,',5(71'1-$ (18' 30(3' 3059' 20(,' 3(?5'305'7' E,(<5'4:3' '1' E(22(-5$ '3' >',' 6(?5'305' 6(22'.;'2<'51<52' >(13' 305' <0'5;' (18'2.,'8'8'6512'.1$ >0'<0' '2'85E30'T' (18'3.'45J <.65'4:3' E75339' (18'<.6E518'.:2'0(4'32'.;'E7(<3'<5# 0575;.75' ' <.:,8' >'20' 30(3' '1'4.30' 305' :1'I572'3'52$ 305',5<3:752' (2' >5,;'.;' 305' 30755' E74;522'.12# 'I'1'39$ (>$ (18' 092'<$ (2'.;' 305' 30755' 05(82'.;' 2<'51<5# 0',.2.E09$ (732'.;' 2E5<50$ (18' 305' 6(305J 6(3'<2$ >575' 7('258' '1' 305'7' E512'.12' :03.' / /# ' ' (E'5<5# 0'<0' 30.:-0' '3' 45' 1.3' 15(7' 2.'-75(3' (2'3059' (75' '1' 2.65' .3057' E,(<52$ >0575'305'-75(31522'.;'305'75>(78'8.30' >0'23,5' ;.7' 305' (4,523' 651'.:3'.;' (,';.75'-1' E(732'3.'2:EE,9'305'<0('7$ 953' '3' 6(9' 45' (' E.73'.1'3.'<.1351 3' (' >.7309' (18' (4,5' 6(1$ ';' 05' 45',' ?5>'25'<.1356E,(3'I5' '1' 1(3:75$ (2'30.25'2E'7'32' (75'30(3' (75' ;'3352 3';.7',5<3:752# 0:2' 6(9',5(71'1-' '1' 9.:7' ?'1-8.6' 45' (8K

H' ' ' ' ' ' # R + $'

I(1<58' 3.' (' ;:73057' 05'-03T' ,5(71'1-' A ' 2(9D' >0'<0' :1857' 9.:"
(Q5239$' 305' 6.23' ,5(7158' .;' ?'1-2$' 6(9' <,('6' 2.65'85-755'.'
5,5I(3'.1#
.1<571'1-' E7.E(-(3'.1' .;' 5,'-'.1$' ' 20(,,' '1' ;5>' >.782' 253'
45;.75' 9.:7' (Q5239' 30755' E7.E.2'3'.12T' 1.15' .;'3056' 85I'<52' .;'
6'15' .>1$' .3057>'25'30(1' 30(3$' ' 5157' (EE7.I58' 3056T' 3>.' .;'
>0'<0' 0(I5' 4551' '1' (-'3(3'.1' .;'2E55<0' (18' 305' 30'78' (<358#
05' ;'723' (' <.,,5-5' ;.7' <.137.I572'52$' >057549' >5' 20(,,' 1.3'
23',,' E7.<558' 2'1-,5$' 4:3' 20(,,' (2' '3' >575' 8.:4,5' .:7' ;',52$' >0'<0'
<573('1,9' >',,' 45' ;.:18' '1' 305' 51<.:1357#
05' 25<.18' (' 75<5'E3' ;.7' A ' ,'?5'1.3' 305' >.78' -,' '1'
752E5<3' .;'305' I('1' I.>2' (18' '6E,'<'3' .458'51<5' (18' .3057' 30'1-2'
3518'1-' 3.' 305' E573:74(3'.1' .;'23(352' '1I.,I58' '1' 30(3' 3576D' <.1J
I5732' 3.' 305' 75;.7658' 75,'-'.1$' 5'3057' .;' 9.:30' .7' .3057>'25#
.7' ' 8.:43' 1.3' 4:3' 30575'(75' '1' E('1$' 3(,9$'(18' .3057' <.:1J
37'52' .;'305' (E'232$' 6(19' >0.25' 05(732'(75'3.:<058' >'30' (' 25125'
.;' 30.25' <.77:E3'.12' (18' (1' (<?1.>,58-6513' .;' (' 45335T' >(9T'
>0'<0' -7(<5' '2' 6(19' 3'652' 26.305758' (18' <0.?58' 307.:-0' ('
>.7,8,9' <.12'857(3'.1' .;' 15<522'39T' 651' 1.3' ?1.>'1-' >0575'3.'
0(I5' 2:<<.:7' (18' 75;:-5# 0'2' ,'?5>'25' ' 0.,8' (' >.7?' .;'-75(3'
E'539' (18' (' >.7?' .;'-75(3' <.125@:51<5$' 30(3' >5' (,2.' 6(9'45' >'25'
'1' .:7' -5157(3'.1$' (18' 30(3'305' >(3<0;:,' (18' 2',513' 1'-03' 6(9'45'
:258' (2' >5,,' ;.7' 2.>'1-' .;'-..8' 2558' (2' .;'3(752#
05' 30'78' '2$' 305' '6'3(3'.1' .;' (' 656.7(4,5' (18' 75,'-'.:2' (<3'
.;'%:551' ,'M(4530T' >0.' ;'18'1-' (' E(73' .;' (1<(20'75'3.' 45'5GJ
3756 5,9' 4(<?>(78' '1' 75,'-'.1$' (18' 305' 4515;'<52' 2>(,,.>K58' :E' '1'
'6E7.E7'(3'.12$' 8'8' 49' 85<755' '1' 305' :<09' 575<3' ;.:7' 23'E5182'
.;' 0h I ' ' ' (E'5<5$' ;.7' E75(<0572' >5,,' <0.251' 3.' 05,E' 3,'5'
0(7I523$' >0'<0' 0(I5'8.15' (' -75(3' 85(,' .;'-..8' '1' 305' E(732' >0575'
3059' 0(I5' ,(4.:758T' 15'3057' 8.' 30575' >(13' .3057' <.71572' '1' 305'
75(,6' 30(3' >.:,8' 75@:'75' ;.7' (' 3'65' 305' ,'?5' 5G37(.78'1(79' 05,E#
0:2' 0(I5' ' 47'5;,9' 85,'I5758' :13.' 9.:7' (Q5239' 69' .E'1'.1'
3.:<0'1-' 305' 56E,.9651 3' .;#30'2' <0(7'39T' >057549' 30(3' 6(22' .;'
>5(,30$' 30(3' >(2' '1' 305' .>157' ,'33,5' 453357' 30(1' (' 23(<?' .7' 05(E'
.;' 6:<?$' 6(9' 45' 2E75(8' .I57' 9.:7' ?'1-8.6' 3.' 6(19' ;7:'3;:,'
E:7E.252$' 9.:7' (Q5239' E,(13'1-' (18' >(357'1-$' (18' .8' -'I'1-'
305' '1<75(25#

'$' *$6%*' E.$,&+(1' C%,' &/+$3' %)&$/C%/3,' +1' >' -$)(/$' %**' &'$'
.36$,' +1' &'$' @2'$E.$/'GP%13' %2(1'%88$%/$3' %,'2(.1,$*')(/'&'$

#a' ' ' ' ' ' ' ' #'

8/$&$13$3' '$+/ H' .&' &'%&'C%,' (1*0'+1'&'$'(/3+1%/0'8/%2&+2$'()'',' 8/()$,,+(1G %13'D.364$1&' -$+16' 6+=$1'+1')%=(./' ()'&'$'C+**;' &'$' %3=+2$'!C'%&$=$/'&'$' +16'&'(.6'&'()'+&I'()'2(./,$')$**' &('&'$'6/(.13;' &'$/$'-$+16'1('(+D8(/&.1+&0'&('%2&'.8(1'+&

#K

'$' 8/(2*%4%&+(1' 2(12$/1+16'&'$' =%*.$' ()'6(?' 8+2,' '%3' &'$' $))$2&'()'-/+16+16' 4(/$'6(*3'&('&'$'4 +1&J -.&'+&'C%,'%22(48%1+$3'(/')(**(C$3'-0'%1'+12/$%,$3',2%/2+&0'()',+*=$/G &*+$'2%.,$,'()'C'+2''C$/$' /$)$//$3' -0'&'$' (.12+*' &('&'$'&C(' '%1$$**(/,A/A!&'%&'+,;' ',.88(,$;' &'$' *+%12$**(/'()'&'$' .2'0'%13'&'$' '%12$**(/'()'&'$' @2'$E.$/;' +/' ' %//0'%13' +/' .*+.,' 4,%/IK %13'&'$' (*+2+&(/' 1/%*' ' 2(80'()'&'$' 2$/&+)+2%&$' C'+2''&'$0'/$&./1$3' C%,' 8/$,$/=$3' %4(16' %2(15,' 8%8$/,;' %13' %88$%/,' &(' '%=$' -$*(16$3' (/+6+1%**0' &(' &'$' =(*.4$' $1&+&*$3' 1 ' /" ') '&'(.6''1(C',$8%/%&$3')/(4'+&' ' 8/$,.1/$'&'$/$)(/$'&'%&'+&'C%,'3/%C1'.8'-0' %2(1'' +47 ,$*)' &' '%,'1('3%&$;' -.&'%,'+&',$$4,'&(''+=$'-$$1'3/%C1'.8'&''/$$' 4(.&',' %)&$/'&'$' 8.-*+2%&+(1'()'%' /(2*%4%&+(1'-0'C'+2''&'$'8/+2$' ()'6(*3' C%,' /%+,$3;'%13' ,.2'' %' 8/(2*%4%&+(1'C%,'8.-*+,''$3'(1'&'$' >/3'()' (=$4-$/' ;'&'+,'+,' 8/(-%-*0'+&,' 8/(8$/' 8*%2$' '$' 8(*+20'-$*(16,'&('%1'%6$'C'$1'&'$'C$%*&''()'%'1%&+(1'C%,'-$*+$=$3'&(' 2(1,+,&'()'&'$'6(*3'%13',+*=$/'C'+2''+&'2(1&%+1$3' 13'&'(.6'' %2(1' C%,'C$**' %C%/$'&'%&'&'$' '()'%'1%&+(1'3+3'1(&'2(1,+,&'+1'+&,' L&/$%,./$'(/'/+2'$,;M' ',.88(,$''$').**0',''%/$3'&'$'6$1$/%*'(8+1+(1' ()''+,'2(1&$48(/%/+$,'&'%&'&'$' ' ' " '()'%'1%&+(1'2(1,+,&$3' +1'&'$',&(/$'()'8/$2+(.,'4$&%*,'C'+2''2(.*3'-$'3/%C1'%13'F$8&'C+&'+1' +&,'*+4+&,

' ,% * # ,' ' +,'< %0/' *' +,') # ')$ ' * %? ' 9 H2 ')#+ ' ' ' ' ' ' ' au,' $' ' 1,*,%, #,' ' +,' ' + # , %/' 0' 2' - ./' # %

3' 6(9'E,5(25'9.:7' .7820'E2$

<<.78'1-#:13.'9.:7' .7820'E2',533572':13.':2'8'75<358$ -7.:1858':E.1'305'1';.76(3'.1'>0'<0'0'2' (Q5239'0(30'75<5'I58' <.1<571'1-'305'2<(7<'39'.;'2'0R57'(3'305' '13'>5'0(I5'<(,,58'45J ;.75':2'(2'>5,,'305'.;;'<572'.;'305' '13'(2'2.65'E7'1<'E(,'657J <0(132$'(18'2E513'3>.'>0.,5'(;3571..12'1'305'5G(6'1(3'.1'.;'305

R' 55'(' 75E.73'.;'305'<.25'1'305' (647'8-5' 1'I572'39' '47(79# '# ''# $ E# # ! (7'# # C $;.# 3# 05'05(8'1-'2'1257358'1' (<.1-2'.>1','(18#

4:2'1522 >0575'1 >5 ?5E3 30'2 .7857$;'723 3.' 5G(6'15 305 ;(<3$ 3051 305 <(:252 >'30 305 756 58'52#

18 ;.7 305 ;(<3$ >5 8'75<358 305 .;;'<572 .;' 305 '13 3.' -'I5 :13.'3.2 (' 8'23'1-:'2058 (<<.:13 0.>' 6:<0 -.,8 (18 2',I57 0(30 95(7,9 4551 47.:-03 '13.' 305 '13$ 49 305 2E(<5 .;' 2'G I4.,5 95(72 ,(23 E(23$ 6.75 2E5<'(,,9 ;.7 305 ,(23 30755 6.1302 2:<J <558'1-' 305 ,(23 E7.<,(6(3'.1 3.:<0'1-' 305 E7'<5 .;'-.,81 3.' 305 518 >5 6.:-03 49 305 2:88511522 .;' 305 ;(,,' 8'2<571 >053057 30(3 E7.<,(6(3'.1 6.:-03 45 30.:-03 305 5;;'<'513<(:25 .;' 305 E75251 3 2<(7<'39# E.1 >0'<0 (<<.:13 '3 (EE5(72 3.' :2$ 30(3 8:7'1-' 305 2E(<5 .;' 2'G 95(72 (;.752('8 30575 0(30 4551 23',,' 85-7552 .;' 85<(9 '1 @:(13'39 .;' 305 2',I57 47.:-03 3.' 305 '13$ 4:3 953 2.' (2 >'30'1 30525 ,(23 30755 6.1302 '3 0(30 -7. I1 ;(7 459.18 305 E7.E.73'.1 .;' 305 ;.7657 3'6 5$ '12.6:<0 (2 30575 <.652 '1 1.> ,'33,5 .7 1.15 (3 (,,# 18 953 1.3>'3023(18'1-' '3 '2 2.65 .E'J 1'.1$ (2 >5,,' (6.1-23 305 .;;'<572 .;' 305 '13 (2 305 657<0(132$ 30(3 305 23(35 1558 45 305 ,522 (EE750512'I5 .;' 30'2 5;;5<3$ 45J <(:25 '3 '2 ,'?5 3.' 45 4:3 356E.7(79$ (18 15'3057 305 -75(3 ;,:20 .;' -.,8 30(3 '2 <.65 '13.' 305 '13 2'1<5 305 E7.<,(6(3'.1$ 1.7 .1 305 .3057 2'85 305 -75(3 2<(7<'39 .;' 2',I57$ <(1 <.13'1:5 '1 E7.E.73'.1 (2 '3 1.> 8.30#

1.3057 E.'13 .;' 305 ;(<3 >0'<0 >5 30.:-03 ;'3 3.' 5G(6'15 >(2$ >053057 305 2<(7<'39 .;' 2',I57 (EE5(758 -5157(,,9 '1 305 75(,6$ .7 .1,9 (3 305 '131 >0575'1 '3 >(2 <.1;52258 49 305 657<0(132$ 30(3 2',I57 '2 <.13'1:(,,9 '6E.7358 '13.' 305 75(,6$ (18 '2 ;.:18 23'77'1-' (6.1-23 305 -.,826'302 (18 .3057>'25$ 6:<0 ,'?5 (2 '1 ;.7657 3'6 52$ (,30.:-0 '1 752E5<3 .;' 305 -75(357 E7'<5 >0'<0 '3 0(30 K>'30 305 -.,826'30 '3 <(11.3 ;'18 305 >(9 3.' 305 '13# 18 30:2 6:<0 ;.7 305 ;(<3#

.7 305 <(:252 >'30 305 756 58'52$ >5 0(I5 05(78 6(19 E7.J E.2'3'.12 6(85$ (2 >5,,' 49 305 .78 15153$ >0.' (22'2358 :2 '1 30'2 <.1;5751<5$ (2 49 305 657<0(132 .;' >0'<0 E7.E.2'3'.12 ;5>' >575 15>' :13.' :2$ (18 6:<0 ,522 <(1 45 *'5>' 3.' 9.:7 .7820'E2 4:3 953 (,30.:-0 :E.1 ;.7657 <.12:,3(3'.12 >5 (75 1.3 :1(<J @:('1358 >0(3'2 6.75 .7 ,522 ,'?5,9 3.' 23(18 >'30 9.:7 .7820'E2 -7.:182 (18 .E'1'.12$ >5 30.:-03 '3 15I57305,522 305 4523;7:'3 .;'.:7 8',-51<5 3.' 253 3056 8.>1 '1 (73'<,52$ 30(3 9.:7 .7820'E2 >'30 6.75 5(25 6(9 8'2<(78 .7 513573('1 305 E(73'<:,(72$ 45J -'11'1-' >'30 30.25 >0'<0 9.:7 .7820'E2 8.' E.'13 (3 '1 9.:7 .33572$ (18 2.' 852<518'1-' 3.' 305 7523#

=S <2 21K 3 < ;2 " ; ;1 " R + $=H

05 30'78 E7.E.2'3'.1 '2 <.1<571'1- 305 5GE.73(3'.1 .; 2',I57!
6.75 30(1 '1 ;.7657 3'652$ >0575'1 >5 ;5,, ;'723 :E.1 305 37(85
'13. 305 (23 18'521 <.1<571'1- >0'<0 '3 >(2 6(357'(,,9 '1 .:7
.E'1'.12 (12>5758 49 305 657<0(132 .; 30(3 <.6E(19$ 30(3 305
2',I57 >0'<0 2:EE,'52 30(3 37(85$ 45'1- -5157(,,9 E(1'20 6.1592$
>.:,8 1.3 45 47.:-03 '1 4:3 ;.7 30(3 37(85$ 2. 30(3 '3 2:<?2 ':
(2 >5,, (2 '3 87(>2 ;.730# 18 '3 >(2 (8858 ,'?5>'25$ 30(3 (2
,.1- (2 305 .> .:137'52 6('13('158 30(3 37(85 '1 305 18'52$
'3 >.:,8 05,E ,'33,5 30.:-0 .:7 37(85 >575 8'22.,I58$ 45<(:25 30(3
2',I57 >0'<0 '2 5GE.7358 '6658'(35,9 49 :2 3. 305 18'52 >.:,8
05 87(>1 .:3 .; 30'2 ?'1-8.6 ;.7 305 18'52 658'(35,9 49 305
:3<0 (18 ;.7 305 2',I57 5GE.7358 3. 305 5I(13$ '3 >(2 30.:-03
3. 45 1. -75(3 6(3357# 2 ;.7 .3057 5GE.73(3'.1$ >5 2(> 1.
7565894:3 305 5G5<:3'.1 .; 305 ,(>2$ 2E5<'(,,9 30.25 .; 56J
E,.96513 45'1-49 2.65 6'3'-(3'.1 6(85 (-755(4,5 3. 305 3'652#
18 30525 30755 75658'52 (75 .; 30(3 1(3:75$ (2 3059 25715 3.
756.15 305 <(:252 .; 30'2 2<(7<'39# 0575 >575 .3057 E7.E.J
2'3'.12 .; E.,'<'52 (18 65(12 8'75<3,9 3. 87(> 2',I57 3. 305 '13#
05 ;.:730 E.'13 30575.; >(2 30'2 3 '2 (-7558 30(3 305 2',I57
>0'<0 0(30 05753.;.75 ;58 305 '13 E7'1<'E(,,9 0(30 4551
E(1'20 6.159# 0'2 1.> <.652 '13. 305 75(,6 E,513';:,,9$
4:3 1.3 '13. 305 '13# 3 >(2 E7.E.:1858$ '1 '6'3('3'.1 .; 2.65
E75<5851 '1 7(1<5$ 30(3 0'2 (Q5239 >.:,8 49 E7.<,(6(3'.1
75237('1 305 <.6'1- '1 .; 30'2 6.159 ; ,30(3 '2$ 30(3
5'3057 '3 45 47.:-03 3. 305 '13 .7 .3057>'25 3. 45 <:3 (18 85J
;(<58$ 45<(:25 30(3 1.> '3 E(22530 '1 E(96513 2 '1 (?'18 .; <:7J
751<9# .>0'<0 '3 >(2 <.,.:7(4,9 .4Q5<358$ 30(3 30'2 >.:,8 45
305 >(9 3. 0(15 1.15 47.:-03 '1 (3 (,,$ 45<(:25 305 -('1 <5(2'1-
305 '6E.73(3'.1 >.:,8 <5(25 4:3 30'2 .4Q5<3'.1 >(2 >5,, (1J
2>5758$ 30(3 '3 '2 1.3 -('1 (,3.-53057$ 4:3 (15<522'39 .; 2E5589
E(96513$ 30(3 <(:2530 305 657<0(13 3. 47'1-'1 2',I57 3. ?55E
0'2 <758'3 (18 3. 87'I5 0'2 37(85 2.Q0(3 ';305 '1-?55E 0'2
;.:73551 8(92 E(96513 (3 305 '13$ (2 05 (,>(92 0(30 8.15$ (18
0(15 ,'?5>'25 0'2 5G<0(1-572 ;.7 30.25 6.1592 '1 2.65 E7'1<'E(,
E.732$ '3 '2 2:EE.258 30(3 (,, E(1'20 6.1592$ >0'<0 '2 305 4:,?
.; 2',I57 47.:-03 '13. 30'2 75(,6$ >.:,8 49 65(12 .; 2:<0 (
E7.<,(6(3'.1 <.65 '13. 305 '13 >0'<0 6(9 45 (30'1- <.1J
2'857(4,5#

05 ;';30 E7.E.2'3'.1 >(2 30'2 3 >(2 >(77(1358 49 305 ,(>2
.; E('1 3. 47'1- '1 2',I57 ;.7 <.71 .7 I'<3:(,2 '3 >(2 E7.E.:1858

30(3' 0'2' (Q5239' >.:,8' 75237('1' 5GE.73(3'.1' .;' <.71' D' ,' 5G<5E3' 3059' 47'1-' 305' 2',I57' >0'<0' 752:,3530' 30575.;' :13.' 0'2' '131' 30(3' 37(85' 45'1-' <.66.1,9' 2.' 45150<'(,$'(2' 305' 657<0(13' 6(9' >5,,' 518:75' 305' 47'1-'1-' .;'305' 2',I57' 3.' 305' '131' (,30.:-0' '3' >575' (3' 305' <0(7-5' .;'<.'1(-5$' >0'<0' '3' 1.>'45('-530# :73057' 2' '1<'8513' 3.' 30'2' 6(3357$' 30575' >(2' 751'I58' 49' 305' 657<0(132$' >'30' 2.65' '123(1<5$' 305' (1<'513' E7.E.2'3'.1' <.1<571'1-' 305' 575<J 3'.1' .;' -7(1(7'52' ;.7' ;.75'-1' <.71$' ;.7(26:<0' (2' 49' 30(3' '1<75(25' .;' 37(85' '1' <.71K305' '6E.73(3'.1' .;' 2',I57' >.:,8' ,'?5>'25' 45' 6:,3'E,'58#

05' 2'G30' E7.E.2'3'.1' >(2' 30(3' :E.1' (,,' ,'<51<52' .;' ;.74'8851' <.66.8'3'52' 30575' 20(,,' 45' (' 7(35' 253' .;' 2',I57' 3.' 45' 47.:-03' '13.' 305' '13W' >0'<0' 15I57305,522' 6(9' 2556' 2.65>0(3' 0(78$' 45<(:25' '3' '6E.2530' :E.1' 305' 2:4Q5<3' 30(3' >0'<0' <(:2530' 0'6' 3.' '1<:7' E57',' .;' <.1;'2<(3'.1' '1' ;.75'-1' E(732# .' 37.:4,5'9.:7' .7820'E2' ;:73057' >'30'8'2<.:7252' >0'<0' >5'0(8' .;'6(?'1-' ;.75'-1' <.'12' <:77513$' (18' .;' I(79'1-' 305' '1-=2' 23(18(78' 3.' >('3' :E.1' 305' I(7'(3'.12' '1' .3057' 23(352$' (18' 75E7522'1-' 2:7;5'3' .;' ;.75'-1' <.66.8'3'52$' 30(3' .:7' 1(3'I5' <.66.8'3'52'2:76.:13'1-' 305' ;.75'-1' 6(9'87(>' '1' 375(2:75!' 49' >(9' .;' .I57E,:21' 3059' 45' <.66.1' E,(<52' 2.' >5,,' ?1.>1' 3.' 9.:7' .7820'E2$' (2' '3' '2' 51.:-0' 3.' 6513'.1' 3056' .1,9#

0575' '2' .1,9' .15' 30'1-' 6.75$' >0'<0' '2$' 3.' E:3' 9.:7' .7820'E2' '1' 6'18' .;' 305' 5G3756 5' 5G<522' '1' 305' >(23'1-' .;' 4.30' 653(,2$' 4.30' .;' -.,8' (18' 2',I57' ;.,'(35$' >0'<0' 3:712' 305' 1(3:75' .;' 30525' 653(,2$' >0'<0' .:-03' 3.' 45' E578:7(4,5$' (18' 6(?52' 3056' E57'20J (4,5$' (18' 49' <.12:6E3'.1' 6:23' 45' (' E7'1<'E(,' <(:25' .;' 2<(7<'39' '1' 3056' 4.30' 7' >0'<0' >5' <.1<5'I5' 6(9' 75<5'I5' (' 2E5589' 7565 89' 49' 0'2' (Q5239=2' E7.5,(6(3'.1#

(23,9$' >5' (75' 0:64,5' 2:'3.72' 3.' 9.:7' .7820'E2$' 30(3' ;.7' (19' .;' 30525' E7.E.2'3'.12' 30(3' 9.:7' .7820'E2' 20.:,8' 30'1?' ;'3' 3.' 51J 3573('1' '1' <.12:,3(3'.1$' 9.:7' .7820'E2' >.:,8' 05' E,5(258' 3.' 05(7' 3056' 854(358' 45;.75' 9.:725,I52$' (2' 45'1-' 6(33572' .;' -75(357' >5'-03' 30(1' >5' (75' (4,5' 3.' Q:8-5' .;# 18' 2.' <7(I'1-' 9.:7' .78K' 20'E2=E(78.1' ;.7' 37.:4,'1-' 9.:' 2.' ,.1-$' >5' <.66518' 9.:7' .78K' 20'E2' 3.' .8=2' -..81522#

4.:3' 30'2' 3'65' (,'24:79=2' 05(,30' 45-(1' 3.' ;(',# '2' 85(30$

= 3 -' '1' #$ 305' 4.89' .;' >0'<0' 20.>2' 1.' 37(<52' .;' (<.1=2' 4(:8$

BA ' ; // ' ' ' ' ' ' R + $'

X>0'<0 3. .?' E,(<5' 20.73,9' (;357$' 6(85' (' <.12'857(0,5' <0(1-5' '(' (<.1-2' E.2'3'.1' 49' 47'1-'1-' 0'6' '13.' ;7557' (18' 6.75' ;75@:513' E57J 2.1(,' <. 6 6 :1'<(3'.1' >'30' 305' '1-$'(18' 0'2' <.7752E.:85:<5' 45<. 652' 3051<5;.730' 6.75' <.13'1:. :2' (18' I(,:(4,5# .' (I.'8' :115<522(79' '13577:E3'.12''1'2@3!'1-'3';.730$'3' >',' 45' <.1151'513'3.' 6(?5' (' E,(<5' 0575';.7'3>.' .7' 30755' E(E572'3.' >0'<0' '<(11.3' (22'-1' (1' 5G(<3'8(35$' (18' >0'<0'8.'1.3'75@:'75'3.' 45'75(8''1'<.115G'.1' >'30' 305' E(73'<:,(7' 4:2'1522' .;'305'3'65#

05' ;'723' '2' (88752258' 3.' 305' .78' (9.7$' (18' 75,(352' 3.' 2.65' E7'I(35' <(:25' '1' >0'<0' (<.1' 0(8' 4551' 51-(-58' (2' (' E7.;522'.1(,' (81'257# :3' ' 0(I5' 1.3' 4551' (4,5'3.' ;'18' (19';:73057' E(73'<:,(72' 45(7'1-' :E.1' '3$' (18' 6:23' 30575;.75' ,5(I5' '3'3.' 35,,' '32' .>1' 23.79# 3' <. 652' ;7. 6' 0'2' .>1' <.,,5<3'.1#

' ' ' ' ., D' (5"1' ' ' ' ' ' '
' #,

9' I579' 6((3' (+53;

' 8'8' ,'33,5' 5GE5<3!' >051' ' ,5;3'9.:',(23$' 30(3' 30575' >.:,8' 0(I5' 4551' (' E7.<558'1-' (-('123' 7# 571(78' 3.' 0'2' .I57307.>' W >0575'1' ' 6:23' <.1;522' 6925,;' 3.' 45' '1'X(' 2.73' (<<522(79' 45<(:25' 05' 75,9'1-' :E.1' 65';.7' <.:$125,$' ' (8I'258' 30(3' <.:725' >0'<0' 05';.,,.>58# 0575'1'1.>' ' 45-'1' 3.' @:523'.1' 6925,;$' >053057' '1' E75257I'1-' 69' 752E5<32' :13.'9.:7' .7820'E' (18' 305' 7523$' ' 0(I5' 1.3';(',58' '1' 305' 8:39' .;' 69' E7.;522'.1'3.>(782' 69' # <,'513# .7' <573('1,9' ';'305'>.782' 0(8' 4551' 05'1.:2$' (18' 2E.?51' '1' (' 6(,'<'.:2';(20'.1$' (18' '1' 2.65'E:4,'<'E,(<5$' (18' >5,' E7.I58$' (18' 1.3' (' E7(33,5' '1' (' 3(I571$' <(:-03' 0.,8' .;' 49' .15' >0.' A(2' ' 05(7D' '2' (' 8535<358' 29<.E0(13' A 3(18'20$' ' 65(1D$' ' ?1.>' 1.3' >0(3' <.:,8' (I5' 4551' 8.15' 6.75' 30(1'3.''6E.25':E.1'0'6' (' -7'5I.:2';'15$' (18' 3.' 75@:'75'305',5I9'1-' .;'305'2(65$' (18' 3.' 3(?5' (>(9' 0'2' 65(12' .;',';5' 49' 0'2' 8'2;7(1<0'25651 3$' (18' 3.' <. 66'3' 0'6' 3.' (' 85;(658' E7'2.1' 8:7'1-' 07'236(2$' '1'0.1.:7' >0575.;' 305' E7'2.1572' '1' .3057' <.:732' 8.' <. 66.1,9' .;'-7(<5' .4J 3('1'2.65'51,(7-56513# 0'2'7'-.:7' .;' E7.<558'1-' A3.' 35,,' 9.:7' .7820'E' (18' 305' 7523$' (2' 69' -..8' ;7'5182$' 69' .E'1'.1' E,('1,9D' 3518530' 1.3'3.' 23751-3051' (:30.7'39$' >0'<0' '2' 4523' 2:EE.7358' 49' ,.15' (18' ;5(7' '13576'G58$' 4:3' 7(3057' 3.' 6(?5' E5.E,5' 8'2<.1351358' (18' 257I',5' 52E5<'(,,9' >051' 2:<0' E:1'20651 3' '2' '1;,'<358' ;.7' >.782$' 1.3' 49' 7:,5' .;' ,(>$' 4:3' 49' (' Q:7'28'<3'.1' .;' 8'2<753'.1$' >0'<0' >.:,8' 5I576.75' 05' 6.857(35,9':258# 18' /' E7(9' .8$'

Ù 88,# # F$;.# H #

/B//#a ' ' ' #

!!05!<(2' (2357' 5<.7857$' >051' ' >(2' >'30' 9.:$' 8'8' >5,,' (18' >'25,9' E:3' 9.:' '1' 6'18' .;' 305' (86.1'3'.1' 9.:' .;351'75<5'I58' ;7.6' 69' .782$' 30(3' 9.:' 20.:,8' 47'8,5' :17:,9' 3.1-:52$' 30(3' 30.25' ?'18' .;' 2E55<052' (18' 7:6.:72' >0575:13.' 30.25' (86.1'3'.12' 8.' 75;57' A>0'<0' (75' <.1<571'1-' 305' 3(35' (18' b305a' 0.1.:7' 30575.;D' 8.' 1.3' E(22' 3..' ,'<513'.:2,9' '1' 305' <'39' :1E:1'2058$' >0',5' 30525' >.782' >0'<0' <.1<571' 9.:7' E(73'<:,(7' (75' 2.' 237('3,9' 51@:'758' '13.' (18' E:1'2058' >'30' 2:<0' 5G3756'39# :3' 30525' 30'1-2' 9.:7' .>1' >'28.62' A;'723' .7',(23D' >',' 4523' 75E752513' K3.' 9.:# 9' >7'3'1-' :13.' 9.:' (3' 30'2' 3'65' '2' 3.' 305' 518$' 30(3' 0.>2.5I57' ' 8.' 3(?5' '3' 2.65>0(3' :1?'18,9' 30(3' 7(9' 658'(3'.1' E75I(',58' 1.' 6.75$' 953' ' 6'-03' E'=52571I5' 30(3' ;:73057' 752E5<3' 30(3' ' (6' >',,'1-' 3.' :25' :13.' 2:<0' (' 23(35$' '1' 85,'I57'1-' 69' .E'1'.1' :13.' 9.:';755,9$' 45;.75' ' >.:,8' 45' .;' <.:125,$' .7' 6.I5' (19' 30'1-' 30(3' 20.:,8' <7.22' 9.:7' E7.<558'1-21' >0'<0'1.3>'3023(18'1-' A'1'<(25'69' <,'513' <(1' 75<5'I5' 1.' 75,'5;' (3' 9.:7' 0(182D' ' 6:23' (18' >',,' 8.1' <.1J 3'1:'1-' 15I57305,522' '1' .3057' 30'1-2' 69' >.1358' -..8' (;;5<3'.12' 3.' 9.:725,I52' (18' 9.:7' .<<(2'.12#

C#

05' 15G3' '2' (1' .78'1(79' ,53357' .;' 75<.66518(3'.1$' (88752258' 3.' 305' (23572' .;' 305' 5@:5232' '1';(I.:7' .;'.15' >0.' 0(8' (' 2:'3' '1' 305'7' .:73# 3' 0(2' 4551' E75257I58' 49' 2.65' (<<'8513' (6.1-' 305' 3(35' (E572$' (18' 45'1-' 2'-158' 49' (<.1' 6:23' ;'18' (' E,(<5'2.65>0575' 30.:-0' ' (6' 1.3' (>(75' 30(3' '3' 307.>2' (19' ,'-03' :E.1' (1930'1-$' :1J ,522' '3' 45' 305';(20'.1' .;' 305' 3'652' '1' 2:<0' 6(33572#

.' (5' " "41 <2' ;12 3 ' 2' (21 ' ";' ' (2 5÷/'
)% ' *' 1,A),/ /' +,/,', # K

;357' 69' 05(739' <.66518(3'.12# 3' 305' 75@:523' .;' 30'2' 45(757' 7# 8>'1' .33>'1' (1' (1<'513' ;.,,.>57' (18' >5,,K>','57' 3.' 69' 1(65' (18' ;(6',9$' ' 0(I5' <.12'85758' .;' (' 2:'3' .;' 0'2' 85J E518'1-' 45;.75' 9.:' ;.7' 305' 75<.I579' .;' <573('1' 75132' 8:5' :13.' 0'6' ;.7' 8'I572' 95(72' E(23$' (18' 853('158' ;7.6' 0'6' .1,9' :E.1' (' 237('158' <.1237:<3'.1' .;' 5G3756 5',(># 18' ;'18'1-' 305' 0.15239' .;' 305' 6(1' (18' 305' 5@:'39' .;' 0'2' <(:253.' 85257I5';(I.:7$' <.12'J 857'1-' 30(3' 305' 6('1' 6(3357' A>0'<0' '2' 305' 2:6' '1' 856(18D' '2' ;755,9' (<?1.>,58-58$' ' <.:,8' 8.' 1.' ,522' 30(1' 75<.66518' 0'6

* # # .6# (652' #$ o' /B/ # 7'-'1(,$4:3' 1.3' '1' (<.132' .>1' 0(18' (2' ;(7' :2' 07523'1-#=

E:352' 0(8' 4551' 7('258' '1' 305' .66.1' (>' .:732'W (18' 30575' >(2' .15' (3' 30'2' 3'65' E518'1-# 1' (<3'.1' 0(8' 4551' 47.:-03' (-('123'<57J 3('1' .;;'<572' .;'305' (720(,25(' .:73';.7'5G5<:3'1-'(' > 7'3W 305' E,('1J 3';;'E,5(8'1-'30(3' 05' >(2'1.3'.;'305' '1-=2' .:25# 18' 30.:-0' 305' <(25' 0(8' 1.3'953'4551';'1(,,9'85<'858$ '3' >(2'5(29'3.'-:522$ >051' 2:<0' (' @:523'.1' <(65'45;.75' '7' 8>(78' .?5'(2'.15'.;'305' .66.1' (>' :8-52$ >0'<0' >(9'305' 85<'2'.1' >.:,8'-.#

K 053057' (<.1'05,8'('47'5;''1'30'2'<(25'8.52'1.3'(EE5(7W;.7' .?5=2' 75E.73'A (73' # E# B D$ >0'<0'-'I52'305'2:423(1<5'.;'305'(7-:6 5132$ 8.52'1.3' 6513'.1'305'1(652'.;' (19'.;'305' .:125,# :3''3'>.:,8' 1(3:7(,,9'47'1-'305'@:523'.1':1857'0'2'<.12'857(3'.1$52E5<'(,,9'(2'305' E7.<558'1-2'.;'305' (720(,25(' .:73'0(8'4551'305'2:405<3'.;'854(352' ':' (7,'(6513'(18''3'2556 2'E7.4(4,5'30(3'305'<.:725'>0'<0'305' '1-' 3..?' '1'305' 6 (3357' >(2'3(?51'49'0'2' (8I'<5# 05' 35>(78$ >0.'E75J 2'858'.I57'305' .:73$ >(2' (3'30(3'3'65' '7' 0.6(2' (I(2.7$ 6(720(,' .;'305' '1-=2' .:250.,8'W (18''3'>(2'.4I'.:2'3.'2:--523'30(3';.7'305' 8:5'8'2<0(7-5'.;'2:<0' (1'.;;'<5'305'(22'23(1<5'.;'(',(>957'>(2'>(1358# <<.78'1-,9''3' 2556 2'30(3' (<.1' 0'625,;'>(2'Q.'158'>'30' 0'6' '1' '3# .7''.'('N','23'.;'2.65'.;'305' 35>(782'.;'305' (720(,25($P'(EE51858' 3.'(1'522(9'.1'305' 0'23.79'.;'305' .:73$*' 305'1(65'.;'N '7' 7(1<'2' (<.1$.,'<'3.7' 5157(,P'2'-'I51':1857'305'8(3 'N' ' (<>0'<0'>(2' /B/ # :3'30.:-0'305'E752'851<9'.;'('(>957'>.:,8'2(15'305' .:73' ;7.6'-533'1-'13.'37.:4,5'49'5G<558'1-'32'Q:7'28'<3'.1$ '3'>.:,8'75J 8:<5'30(3'Q:7'28'<3'.1'>'30'1',6'32'2.'1(77.>'30(3'305' .:73'>.:,8' 45'.;',33,5':25# (<.1K>(2'(,>(92'.;' .E'1'.1'30(3'Q:23'<5'>(2'4523' >051''3'>(2'3.'45'0(8'15(7'0(18W (18''3K 6(9'5(2',9'45'2:EE.258' 30(3'>051'(2?58'0.>'30'2'8'2E:35' (4.:3'Q:7'28'<3'.1'>.:,8'45'4523' 2533,58$ 05'>.:,8' (8I'25'3.'2533,5''3'49' '305'(:30.7'39'.;' 30'2' .:73'7(3057'30(1'49'(4(18.1'1-'3# 3'>(2'>'30'1'305'E.>57'.;R' 305' 757.-(3'I5$ (2'3051''1357E75358$3.'575<3'('15>' .:73'.;' 5<.78'W (18d1'305' '30'.;' :15'/B//$ (652'<75(358'49' (3513'('15>' .:73$ \' 3.'45'<(,,58'N'305' .:73'.;'305' 57-5' ;.7'75(2.12'>0'<0'(75';.,,9' 5GE,('158''1'305'E75(64,5 \ (18'>575'6.23','?5,9'87(>1':E'49' (<.1' 0'625,;#

0575(2'>5'0(I5'4551''1;.7658'.;'2.65'<.6E,('132'(18'-7'5;2'<.1J <571'1-'305' .:73'.;' (720(,25(' 6(85'(2'>5,,''1' (7,'(6513'(2'.3057J >'25$ (18'30575:E.1'0(I5'4551' 6.I58'3.'-'I5'8'75<3'.1'30(3'305'-7.:18' .;'2:<0'<.6E,('132'20.:,8'45'5G(6'158'(18'<.12'85758$ (18'3057549'0(I5' 8'2<.I5758'30(3'3059'0(I5'1.3'(7'251'2.'6:<0' .:3'.;'305'1(3:75'.;'305' Q:7'28'<3'.1$ >0575'305'2:'3.72'0(I5'2E5589'Q:23'<5';7.6'8(9'3.'8(9'(18' 0(I5','?5>'25'305'4515;'3'.;'2E5<'(,'-(.,2'(18'2E5589'37',2$'(2''1'752E5<3

≟ U 2219' 3.>(782'(' '23.79'.;'3'75' 1<'513' :7'28'<,'.1'.;'305' :7(,'(,25($≟ .18#$ / / #

" <a 2 - ' 3' < ; 2' " ;' ; 2 B' " ' R + $' <

E(73,9' . ;'305' ;55' <. 6 6 . 1,9' <(,,58' 305' 1'-03' (720(,=2' ;55$ >0'<0' '2' -75(3' (18' ,('8' 1Q! . 1' 305' 85;518(132$ (18' 953' 15157305,522' '2' 305' (1<'513' ;55' >0'<0' 0(30' 4551' 3' 65' . :3' . ;' 6 '18' : 2581' (18' E(73,9' 307. : -0' 2. 65' <. : 7252' . ;' I5G(3' . 1' '1' 305' 5G57<'25' . ;' 30(3'Q : 7'28'<3' . 1$' (2' (7752321' '1' 3' 6 5' . ;' E7. -7522$ >051' 305' 2 : '3. 7' <(11. 3' 49' (19' E. 22'4','39' 0(I5' 305' 5;;5<3' . ;' 0'2' 2 : '3$ 49' 75(2. 1' . ;' 305' 756 . I52' . ;' 305' . : 73W (18' ,'?5>'25' 49' 305' 1 . 3' (>(78'1-' . ;' 305' <. 232' 3. ' 305' ; : ,,' (-('123' 305' ,('13' ;' >0575' 305' 2 : '3' (EE5(7530' 3. ' 45' 4 : 3' : E. 1' I5G(3' . 11' (18' (,2. ' 49' 305' 6 : ,3'3 : 85' . ;' 305' 1'-03' (720(,=2' 651' 30(3' 6(?5' (' -('1' : E. 1' (7752321' 49' 23'77'1-' . ;' 2 : '32' : E. 1' 6(,'<5*' . 7' ;7'I . ,. : 2' <(: 252W 18' >0575(2' 305' Q : 7'28'<3' . 1' . ;' 305' 2('8' (1<'513' . : 73' . ;' (720(,25(' '2' 85;5<3' I5' '1' E. >57' 3. ' 0. ,8' E,5(' . ;' 6 (19' E572. 1(,' (<3' . 12$ 2. ' (2' . : 7' , . I'1-' 2 : 4Q5<32' >'30'1' 305' 57-5' <(11. 3' 30575' 0(I5' 305' ,'?5' 5(25' '1' 305'7' 2 : '32' (2' 305' '10(4'3(132' . ;' . 3057' '1;57' . 7' ,'4573'52' 0(I5'W 5' 0(I5' # 30. : -03' '3' 305' 6 . 23' 5GE58'513' >(9' 49' 30525' . : 7' ,533572' E(35132$ <0'5;,9' ; . 7' 305' 5(25' . ;' . : 7' 2('8' ,. I'1-' 2 : 4Q5<32' >'30'1' 305' 57-5$ 49' <. 12513' . ;' 305' 2('8' 1'-03' (720(,$ 3. ' (4(35' '1' -75(3' E(73' 0'2' ;55' (18' 49' 2E5<'(,' .78'1(1<5' (18' E7. I'2' . 1' 3. ' 75E7522' (,,' E. '132' >0'<0' 0(I5' (18' 6(9' 6(?5' 305' 2('8' (1<'513' . : 73' . ;' (720(,25(' -7'51. : 21' (18' 49' . 3057' ,533572' E(35132' . ;'305' 8(35' . ;'30525' E7525132' 3. ' 575<3' (15>' . : 73' > '30'1' 305' 57-5' ; . 7' E572. 1(,' (<3' . 12' >0'<0' <. 1<571' E572. 12' 1 . 3' 45'1-' . 7' >0'<0' 0575(;357' 20(,,' 1 . 3' 45' . ;' . : 7' 0. : 250. ,8$ 3. ' 45' 45; . 75' 305' 2('8' 1'-03' (720(,' (18' 2. 65' ;'3' E572. 1' ,5(7158' '1' 305' ,(>$ (18' 30575'1' 3. ' -7(13' 305' 2('8' 1'-03' (720(,' 2 : <0' ;552' (2' 6(9' 45' 5(29' ; . 7' 305' 2 : 4Q5<3' 3. ' 45(7$ (18' 953' '1' 2. 65' 65(2 : 75' 49' 75(2. 1' . ;' 305' 2('8' (<3' . 12' <. : 1357I(',' 0'2' , . 22' . ;' ;552' (4(358' (2' (; . 752('8' (18' 30575; . 75' 0(I5' . 78('158' (18' <. 123'3 : 358$ 53<#

05' (3513' ; . ,,. >2$ >'30' (' ; : ,,' 852<7'E3' . 1' '1' 8 : 5' ; . 76' . ;' 305' 8 : 3'52' (18' (: 30. 7'3'52' . ;' 305' 15>' . : 73$ 305' ;552' >0'<0' 1'(9' 45' ,(>J ; : ,,9' 3(?51' 49' 305' 25I57(,' . ;;'<572$ 305' 3' 6 52' (18' E,(<52' . ;' 2'33'1-$' 53<#W ' (EE. '13'1-' (2' : 8-52' ; . 7' 305' E7525132' '7' 0. 6(2' (I(2. 7' (18' '7' 7(1<'2' (<. 1#P'

3' >(2$ ' E752 : 65$: E. 1' 305' ;'723' . E51'1-' . ;' 30'2' . : 73' A305' 8(35' . ;' >0'<0' ' 0(I5' 1. 3' 2 : <<55858' '1' 8'2<. I57'1-D' 30(3' (<. :' 85,'I5758' 305' ; . ,,. >'1-' <0(7-5' 3. ' 305' 7(18' : 79#

05' 65(2 : 75' (EE5(72' 3. ' 0(I5' 4551' (' 2(3'2;(<3. 79' . 15$; . 7' >5' 05(7' . ;' 1. ' 6 . 75' <. 6E,('132' . ;' 305' (720(,25(' . : 73' 8 : 7'1-' (<. 1=2' ,';5# 05' 15>' . : 73' : 1857' 30525' 533572' (3513' <. 13'1 : 58' 3',,' B' 0(7,52' #!' (18' >(2' (;357>(782' 7515>58' 49' 0(7,52' #W . 1' >0'<0' . <<(2'. 1$ ' 2 : EE. 25$ (<. 1=2' <0(7-5' >(2' E7'1358' (2' (' 25E(7(35!E(6E0,53$R!' >'30' 305' 6 . 33. m5 4' * ' 4,' * ' % * 4'

05' <. E9' >0'<0' ; . ,,. >2' '2' 3(?51' ;7. 6' (' 6 (1 : 2<7'E3' <. 775<358' '1' E,(<52' 49' (<. 1' 0'6 25,;'Q 30. : -0' '3' 23',,' <. 13('12' 6 (19' . 41' . : 2' 577. 72' >0'<0$ >'30' 305' 05,E' . ;' E751' . : 2' 58'3. 72$ ' 0(I5' 6925,;' <. 775<358#

I . ,,2' . : 25'W (35132' L' (652' # (72' CN#
' U 22(9' 3. > (782' (' 0'23. '9' . 3' 3,' . ' (1<'513' Q : 7'28'<3' . 1' . ;' 30. ' (7K2,6,25(' . : 73$= E# # ^ . : 8. 1$ / $

,$=$/%* ())12,; - .& ,&%13 .8(1 &'(,$ &'%& %/$ 8/+12+8%* %13
4(,&+1 .,$' '$ ())12,'&'$/$)(/$&'%&0(.'%/$&('8/$,$1& %/$
()')(./1%&./$,
' '$)+/,&;,.2''%,'2(12$/1 (3%13'+,'2'./2'
' '$,$2(13;,.2''%,'2(12$/1&'$ +16'%13'+,'$,&%&$
' '$&'+/3; ,.2''%,'2(12$/1&'$ +165,'8$(8*$%13'%/$
2%8+&%*
' '$)(./&';,.2''%,'2(12$/1&'$ +165,'8$(8*$1(&2%8+&%*

'$,$/=+2$()' *4+6'&0' (3;.8(1'C'(,$-*$,,+16'&'8%2$; .8'(18'
,%)$&0;%13'6((3'$,&%&$()' +16'%13'F+163(4'3(&''3$8$13;4%0' X'./2''
-$=+(*%&$3'%13' (3'3+,'(1(./$3'+1'&'/$$'4%11$/,'G -0'8/()%7
1%&+(1;-0'2(1&$48&;%13'-0'3+=+,+(1'(/'-/$%2''()'.1+&0
+/,&;+)'%10'4%1''%&''3$8/%=$3'(/'%-.,$3'+1'C(/3'(/'3$$3' 7.;(K'
&'$'-*$,,$3',%2/%4$1&;(/'3+,&./-$3'&'$'8/$%2'$/'(/'2(16/$6%&+(1'LXHLH
+1'&'$'&+4$'()'3+=+1$',$@5=+2$'G (/'+)'%10''%=$'4%*+2+(.,*0',&/+2F$1'
C+&''C$%8(1;(/'3/%C1'C$%8(1'+1'%10'2'./2''(/'2'./2'A0%/3'G
(/'+)'%10')%+/'(/'4%/F$&''%=$'-$$1'F$8&+1'%10'2'./2'A0%/3'G
&'$,$'%/$'8/()%1%&+(1,'C+&'+1'&'$'8./=+$C'()',$=$/%*,&%&.&$,;
%13'&'$,$'0(.'%/$'&('8/$,$1&J)(/''(*0'&'+16,;%2&+(1,;&+4$,;
,%2/$3'8*%2$,;%/$'&('-$'8/$,$/=$3'+1'/$=$/$12$'%13'3+=+1$'/$,8$2&
' (/'2(1&$48&,'()'(./'2'./2''%13',$/=+2$;'$0'%/$'2(48/$A' (1&$48&,'
-$13$3'+1'&'%&'F1(C1'1%4$;C'+2''&((''4%10;+)'+&'8*$%,$3' (3;
3(N-$%/' $2.,%120'G C'+2''())$12$''%&''4%10'-/%12'$,'%13'3$7
8$13$12+$,' '$'C+)$A/$2.,%1&;,'$'&$48&,'G&'$'2'./2''8%8+,&;''$'
)$$3,'%13'/$*+$=$,G'&'$'2(//.8&,2'((*4%,&$/;''$',(C$&''&%/$,G'&'$'
3+,,$4-*$/;''$'2(1)(/4$&''%13'3(&''1(&2(44.1+2%&$' '$/$)(/$'
+)'%10'8$/,(1;4%1'(/'C(4%1;C+)$'(/',(*$;%-(=$'&'$'%6$'()',+@7
&$$1'0$%/,;1(& '%=+16',(4$'*%C).* $@2.,$; '%=$'1(&/$8%+/$3'&('
2'./2''%22(/3+16'&('&'$',$=$/%*,&%&.&$,;&'$'(1$)(/'&'$'C$$F*0;
&'$'(&'$/')(/'&'$'4(1&''*0'/$8%+/;0(.'%/$'&('8/$,$1&-(&''&'$'
())12'%13'&'$'&+4$''(C'*(16' 6%+1;,.2''%,'4%+1&%+1;/$7
+$=$;F$$8'+1',$/=+2$'()'*+=$/0'/$2.,%1&,;&'(.6''&'$4,$=$,;-$'
1(1$;0(.'%/$'*+F$C+,$'&('8/$,$1&G)(/'&'$,$'-$'*+F$'&'$'/((&,'()'
1$&&*$,,;C'+2'' ,&+16'1(& &'$4,$*=$,;-.&-$%/'%13'4%+1&%+1'&'$'
,&+16+16'*$%=$,'J ,('()HN%10'&'%&'F$$8$&''% ,2'((*4%,&$/'&'%&'
2(4$,'1(& &('2'./2';(/'+,'1(&%**(C$3'-0'&'$'-+,'(8'G)(/'&'%&'
+1)$2&+(1'4%0',8/$%3')%/'J ,(' ,.2'' /$2.,%1&,'%,' '%=$'-$$1'2(1A

R' '1' # 1''1357,'15(7'<.775<3'.1$'>0'<0'2556 2'3.',5(I5'(1'577.7'2.65>0575#
' '1' #

: I <2 21 ' 3' < ;2' " ;' ;1 ' " ' R Y H

=+2&$3' %13' 2(1)(/4$3,' %13' '%=$' 1(&' /$2$+=$3' &'$',%2/%4$1&' (12$' %'0$%/G')(/' &'%&'+,' &'$' &(.2',&(1$' ()' &'$+/' &/.$' 2(1=$/,+(1' 13' ()' &'$,$' ())$12$,' ()' /$2.,%120' &%F$' 0(.',8$2+%*' /$6%/3' C$*=$' 4+*$,')/(4' 2(./&'+,' 1(' /$6+(1')(/',.2'',.-D$2&,' 1' &'$' 1%4$' ()' (3,' C'0',' 8.*3' 1(&' &C$*=$' 4+*$,'%-(.&'&'$' +165,' 2'%+/' -$' %,')/$$')/(4' 8%8+,&A/$2.,%1&,,' %,' &C$*=$' 4+*$,')/(4' &'$' 2+&0' ()' (4$' !&'$' 8(8$5,' 2'%+/I' +,')/(4' 8/(&$,&%1&,I' '$/$' -$' '08(72/+&$,' %13' %&'$+,&,,' %13' ,(' ')$%/' &'$/$' -$' %4(.6,&'.,G'-.&'1(' (8$1' 2(1&$48&' ()' &'$+/' /$*+6+(1' +,' $13./$3')' &'$/$' 4.,&' -$' /$2.,%1&,,' +&' C$/$' -$&&$/' &'$0' *./F$3' +1' &'$' 2(.1&/0,' &'%1' '$/$' +1' &'$' -(,(4' ()' &'$' F+163(4

75(<0'.,' (/' 4%&&$/' ()' 3+=+,+(1' %13' -/$%2'' ()' .1+&0,' +&' +,' 1(&' C+&'(.&' %' 40,&$/0' &'%&' ' /+,&5,' 2(%&' '%3' 1(',$%4,' 1(/' 1(' 4(/$','(.*3' &'$' ' ./2'' +)' +&' C$/$' 8(,,+-*$' '$/$)(/$' +)' %10' 4+1+,&$/' /$).,$' &(' .,$' &'$' -((F' ()' 2(4 4(1' 8/%0$/,' (/' C+*).**0',C$/=$&'' +.' 3+=+1$' ,$/=+2$')/(4' &'%&' -((FG' (/' +)' %10' 8$/,(1' C'%&,($=$/' 3(',2%13%7 *+`$' &'%&' -((F,' %13' ,8$%F' (8$1*0' %13' 4%*+2+(.,*0' +1' 3$/(6%&+(1' ()' +&G' ,.2F' 4$1' 3(' -.&' 4%F$' %/$1&+1' &'$' 6%/4$1&,' %13' ,.2'' %/$' -0' 0(.' &(' -$+1E.+/$3' ()' .&' 4.2'O/%(/$',.2'' %,' %/$' 1(&' (1*0' 3+))$/+16' -.&' +1' %' ,(/&' (88(,+&$' .1&(' +&,' -0' .,+16' %' ,.8$/7 ,&+&+(.,' %13' 2(//.8&$3')(/4' ()' 3+=+1$',$/=+2$G' 4$%1,' ,.2'' %,' ,%0' (/' '$%/' 4%,,

+$,$' ())12,' C'+2'' ' '%=$' /$2+&$3' &(' 0(.' %/$' %6%+1,&' &'$' ,$/=+2$' %13' C(/,'+8' ()' (3' '$/$' /$4%+1' &C(' C'+2'' *+F$C+,$' 8$/&%+1' .1&(' &'$' 3+,'(1(./' ()' (3' G &'$' (1$+,' &'$' %-.,$' ()' '+,' 1%4$' -0' 8$/D./0G' &'$' (&'$/' +,' &'$' %3'$/+16' &(' (35,' 3$7 2%/$3' $.$4+$,,' $=+*' %13' (.&2%,&' ,8+/+&,,' -0' 2(1D./%&+(1' %13' C+&2'2/%)&'

57Q:79# (/' 8$/D./0;' +&' +,' '%/3' &(' ,%0' C'$&'$/' +&' '$' 4(/$' (3+(.,' &(' (3' (/' 8$/1+2+(.,' &(' 4%1'G)(/' %1' (%&';' ,%+&''' &'$' 8(,&*$,' +,' &'$' $13' ()' 2(1&/(=$/,+$,J' +)' &'$/$)(/$' &'%&' -(.13%/0' ()' ,.+&,' -$' &%F$1' %C%0' (/' 4+,A,$&,' C'$/$' ,'%** -$' &'$' $13' I' '$/$)(/$' 0(.' %/$' &(' +1E.+/$' ()' C+*).*' %13' 2(//.8&' 8$/D./0' +1' %10' ()' &'$' +165,' 2(./&,' 0$%,' ()' 2(./&A-%/(1,' %13' &'$' *+F$,' %13' &'%&N%,' C$** ()' &'$' %2&(/,' %,' ()' &'$' 8/(2./$/' %13' ,.-(/1$/

.''Q:K (18' C$/$'%2&.%*' %13' 6/(,,'+1=(2%&+(1' ()' $=+*',8+/+&,,' (/' 4%F+16' 2(=$1%1&' &'$4,' (/' &%F+16' %C%0' *+)$' -0' C+&2'2/%)&' .&' 1(C' -0' %1' %2&' +1' ' +,' %D$,&05,' &+4$,,' 2'%/4,' %13' ,(/2$/+$,' +1' 2$/&%+1' 2%,$,' ()' 8/(2./+16' ()' .1*%C).*' *(=$' (/' -(3+*0' ./&,' %13' ,(4$' (&'$/,' %/2

9 ‘ ‘ I‘ ‘ ‘ ‘ ‘ ^ 1 ;

+1‘ '+,‘ ,$%*,;‘ +1‘ '+,‘ 4 (1+$,;‘ %13‘ +1‘ '+,‘ 8/+12+8%*‘ 4 %6+,&/%&$,‘)‘ &'$/$)(/$‘ %10‘ '%=$‘ 2(. 1&$/)$+&$3‘ &'$‘ +165,‘6/$%&‘ ,$%*,‘ 8/+=0‘ ,$%*,‘ (/‘ ,$%*‘ 4 %1 . %*6 (/‘ 2(. 1&$/)$+&$3,‘ 2*+88$3,‘ (/‘ ,2%*$3‘ '+,‘ 4 (1+$,,‘ (/‘ (&'$/‘ 4 (1+$,‘ 2. //$1&,‘ &'+,‘ +,‘ '+6 ''‘ &/$%,(1‘ (‘ +,‘+&‘ &(‘ F+**‘ 2$/&%+1‘ 6/$%& 3))+2$/,‘ (/‘D . 36$,‘ $@$2 . &+16‘ &'$+/‘ ())+2$

'$‘,&%&$ 0?$ C+**‘ 8%,,‘ 1(C‘ &(‘ &'(,$‘ &/$%,(1,‘ C '+2 '‘ 2(12$/1‘ &'$‘ ,%)$&0‘ ()‘&'$‘ +165,‘ $,&%&$,‘ C '+2 '‘ %/$‘ ()‘&' /$$‘ F+13,,‘ %1,C$/+16‘&(‘&' /$$‘ 8$/+*,‘ C '+2 '‘ 4%0‘ '%88$1‘ &(‘ %1‘ $,&%&$‘ '$,$‘ 8$/+*,‘ %/$,‘)(/$+61‘ +1=%,+(1,‘ (8$1‘ /$'$**+(1‘ %13‘ ,$3+&+(1,‘ %13‘ 8/+=0‘ 8/%2&+2$‘ &(‘ %*+$1%&$‘ %13‘ $,&/%16$‘&'$‘ '$%/&,‘ ()‘&'$‘ , . -D$2&,,‘ %13‘ &(‘ 8/$8%/$‘ &'$4‘ $+&'$/‘ &(‘ %3'$/$‘ &(‘ $1$4+$,,‘ (/‘&(‘ - . /,&‘ (.&‘ +1‘ &. 4 . *&,‘ %13‘ 2(4 4 (&+(1,‘ ()‘&'$4 ,$*=$,

1I(2'.1 (18 /$-$**+(1 '$/$)(/$‘+)‘%10‘ 8$/,(1‘ '%=$‘ ,(*+2+&$3‘ (/‘8/(2 . /$3‘ %10‘+1=%,+(1‘)/(4‘)(/$+61$/,J‘ (/‘ +)‘ %10‘ '%=$‘ 2(4 -+1$3‘ &(A3N+,$‘%13‘ ,&+/‘&'$‘ 8$(8*$‘ ‘ /$-$**+(1‘ C+&'+1‘ &'$‘ /$%*4 G‘ &'$,$‘ %/$‘ '+6 ''‘ &/$%,(1,,‘ &$13+16‘ ‘ &'$‘ (=$/&'/(C‘ ()‘ &'$‘ $,&%&$‘ ()‘ &'+,‘2(4 4 (1C$%*&',‘ %13‘ &(‘ -$‘+1E . +/$3‘ ()

,'51(3'.1‘ .;‘05(732# '$‘&'+/3‘ 8%/&‘ ()‘ 8/%2&+2$‘ '%&''‘ 3+=$/,‘ -/%12'$,,‘ - .&‘ (1$‘ 8/+17 2+8%*‘ /((&‘+1‘&'$,$‘ (./‘&+4$,,‘ C '+2 ''‘ +,‘&'$‘ =%,&%13‘ (=$/,8/$%3+16‘ %4 -+&+(1‘ %13‘ . , . /8%&+(1‘ ()‘ &'$,$$‘ ()‘ (4 $G‘)(/‘&'$‘ (8$‘ ()‘ (4 $‘ +,‘ %22(/3+16‘ &(‘ '+,‘ *%&$‘ 2 '%**$16$,‘ %13‘ 8/$&12,‘ -$2(4 $‘ %‘ 2(4 8$&+&(/‘ %13‘ 2(//+=%*‘ C+&''‘ &'$‘ +16‘)(/‘&'$‘ '$%/&,‘ %13‘ (-$7 3+12,‘ ()‘ &'$‘ +165,‘ , . -D$2&,J‘ '$‘ ,&%13,‘)(/‘+&,‘ '$‘ ,$13,‘ (=$/‘ '+,‘*(=$A&(F$1,‘ %13‘ -/(F$/,‘ !. 13$/‘ 2(*(./‘ ()‘2(1,2+12I‘ &(‘ ,&$%* %13‘ C+1‘ %C%0‘ &'$‘ '$%/&,‘ %13‘ %**$6+%12$,‘ ()‘ &'$‘ 8$(8*$,‘ %13‘ &(‘ 4%F$‘ &'$4‘ %,‘).$*‘ /$%30‘ &(‘ &%F$‘)+/$‘ .8(1‘ %10‘ '+,‘ 2(4 4 %137 4 $1&,‘ '+,‘+,‘&'%&‘ 0(F$‘ C '+2 ''‘ &'+,‘ F+163(4‘ '%&''‘ '%88+*0‘ 2%,&‘ ()),‘ $=$1‘ %&‘ , .2 ''‘ &+4$‘ C '$1‘ &'$‘ 8(8+,‘ ''‘ /$*+6+(1‘ C%,‘ 1$=$/&'$*$,,‘ 2(1&+1 . $3,‘ %13‘ &'%&‘ 3+=$/,‘ ,&%&$,‘ C '+2 ''‘ %/$‘ &'$‘ (8$5,‘ =%,,%*,‘ 3(‘ *+F$C+,$‘ -$6+1‘ &(‘ ,'%F$‘ ())

:E75J 6(<9$375(J 2.1$‘(18‘ 52:'32$ $&2)‘ &'$/$)(/$‘ %10‘ 8$/,(1‘ '%=$‘ 4%+1&%+1$3‘ %13‘ $@&(**$3‘ &'$‘ . , . /8$3‘ %. &'(/+&0‘ ()‘ &'$‘ +,'(8‘ ()‘ (4 $‘C+&'+1‘&'$‘ +165,‘3(7 4+1+(1,,‘ -0‘C/+&+16,‘ 8/$%2'+16,‘ (/‘3$$3,‘ %3=+,$3*0,‘ 3+/$2&*0,‘ %13‘ 4%*+2+(. ,*0‘ G‘ (/‘ +)‘ %10‘ 8$/,(1‘ '%=$‘ 8 . -*+,‘ '$3A()L8 .&+1‘ . ,$‘ %10‘ ()‘ &'$‘ (8$5,‘ - .**,‘ (/‘+1,&/ . 4 $1&,‘ ()‘ %-,(*.&+(1D‘ (/‘ +)‘%10‘ 8$/7 ,(1‘ '%=$‘C+&'3/%C1‘ %13‘ /$2(12+*$3‘ %10‘ ()‘ &'$‘ +165,‘ , . -D$2&,‘)/(4‘ &'$+/‘ (-$3+12,‘ (/‘ -$$1‘C+&'3/%C1‘ %13‘ /$2(12+*$3J‘ (/‘ +)‘ %10‘ , . -D$2&‘ '%=$‘ /$).,$3‘ &'$‘ ,$2(13‘ &+4$‘ &(‘ &%F$‘ &'$‘ (%&''‘ ()‘ , . 8/$4%20‘ *%C). **0‘ &13/$3‘ G‘ (/‘ +)‘ %10‘ $, . +&‘ (/‘ ,$4+1%/0‘ 2(4 $‘ %13‘ %-+3$‘ C+&'+1‘&'+,‘ /$%*4‘D‘&'$,$‘ %/$‘ -0‘ ,$=$/%*‘ ,&%&.&$,‘ 4 %3$

[,,#a 1 9

<(25 .;0'-0 375(2.1 305 ,(> (<<.:13'1- 30525 30'1-2 (2 E75J
E(7(3'I52$ (18 305 ;'723 >,'55,2 (18 25<753 6.3'.12 .; 258'3'.12
(18 75I.,32 ;7.6 305 '1-=2 .458'51<5# ; 30525 9.: (75 3.
'1@:'75$ 4.30 .; 305 (<3.72 (18 .; 305'7 (4533.72$ <.6;.73572$ 75J
<5'I572$ 6('13('1572$ (18 <.1<5(,572$ >0'<0 '1 2.65 <(252 (75
37('3.72 (2 >5,, (2 305 E7'1<'E(,$ '1 2.65 <(252 '1 % ;
'1 2.65 .3057 '1 6'2E7'2.1 .;375(2.1 A>0'<0 >',,'1.3 23(18 3.
8'23'1-:'20D$ (18 '1 2.65 .3057$;5,.19 (2 1(65,9 30(3 .; 305
75<5'I'1- (18 75,'5I'1- .; 52:'32 (18 E7'5232# 05 47'1-'1- '1
(18 8'2E572'1- .; 7 C P ; <7.2252$ E'<3:752$ .7 2:<0 37(20$ -1:2 5'#
'2 ,'?5>'25 k K (18 2.'2 305 851'(,' 3.' 3(?5 305 .(30 .;
2:E756(<9 305 ;'723 3'65#

18 45<(:25''1 305 8'2E.2'3'.1 .;'('23(35 3.' 37.:4,52 (18 E57K ','3(7#
3:74(3'.12$ 6','3(79 651 (75 6.23 3'<?,5 (18 8(1-57.:2' 30575J
;.75 ';' (19 .; 305 '1-=2 2:4Q5<32 -.' .157 3.' 257I5 '1 ;.75'-1
E(732$ (18 8.' 1.3 ;'723 518:75 305 3.:<0$ 30(3 '2 3(?5 305 .(30
.;'(,,5-'(1<5 .7 ';'05 0(I5 4.715 .;;'<5 '1 (19 (769$ (18 8.' 1.3
51357 '13.' 4.18 >'30 2:753'52 (2 '2 E752<7'458 30'2 '2 6(85
;5,.19$ (18 2:<0 (2 9.:20(,,' 1@:'75#

(23,9$ 45<(:25 305 I:,-(7 E5.E,5 (75 2.653'652 ,58 >'30 I('1 7.EO5K'
(18 ;.18 E7.EO5<'52 Q ';' (19 2:<0 20(,,' 45 E:4,'2058 3.' 305 518
3.' 6.I5 23'72 .7 3:6:,32$ 30'2 '2 1.3 ;5,.19$ 4:3 E:1'2058 49 (
95(7=2 '6E7'2.16513 (18 ,.22 .;'-..82 (18 .;'30'2 (,2.' 20(,,'
9.:' '1@:'75# .:' 20(,,' ,'?5>'25 :185723(18 30(3 305 52<(E5 .;'
(19 E7'2.157 <.66'3358 ;.7 375(2.1$ '2 375(2.1 Q >0575.;'9.:' (75
,'?5>'25 3.' '1@:'75#

.>' <.65 ' 3.' 305 30'78 E(73 .;' 69 8'I'2'.1 30(3 '2$ 30.25 05E5.E,5$
.;;51<52 >0'50 5.1<571 305 '1-=2 E5.E,5$ (18 (75 <(E'3(,'
>0'<0 15157305,522 305 ,(> 3576 2 .;;51<52 (-('123 305 <7.>1$ '1
752E5<3 .;' 305 E7.35<3'.1 30(3 305 '1-' 0(30 .;' 0'2 E5.E,5$ (18
305 '1357523 05 0(30 '1 3056 (18 305'7 >5,;(75 ;.7 3.:<0 3056 $
3.:<0 305 ?'1-# 0525 .;;51<52 (75 .;' 30755 1(3:752#

05 ;'723 <.1<571530 305 <.1257I(3'.1 .;'305'7 ,'I52#

05 25<.18$.;' 0.1.:7 (18 0.15239 .;' 305'7 E572.12 (18
;(6','52#

18 305 30'78$.;'305'7 2:423(1<5#

'723 ;.7 ,';5$ ' 6:23 2(9 :13.' 9.:' '1 -5157(,$ 30(3 ,';5 '2 ';5$
-7.>1 3..' <05(E '1 30525 3'652# 3 '2 253 (3 305 E7'<5 .;' >.782$
(18 51579 E5339 2<.71 .7 8'2-7(<5 <(1 0(I5 1.' .3057 75E(7(3'.1

C ' <2 22 ' 3' < ;2' " ;' ;2 ' " ' R o 'H

1(9' 2.' 6 (19' 651=2' ,'I52' (75' 3(?51' ((9' >'30' '6E:1'39$' 30(3' 305' I579' ,';5' .;' 305' ,(>' '2' (,6 .23' 3(?51' (>(9$' >0'<0' '2' 305' 5G5<:J 3'.1'T' (18' 30575;.75' 30.:-0' >5' <(11.3' 7523.75' 305' ,';5' .;' 30.25' 651' 30(3' (75' 2,('1$' 953' ' E7(9' ,53' :2' 7523.75' 30h' ,(>' 3.' 057' ,';5 [49' E7.<558'1-' >'30' 8:5' 25I57'39' (-('123' 305' .;;518572T' (18' 6 .23' 52E5<'(,,9' 30'2' E,.3' .;' -7.:18' A>0'<0' (2' ' 2('8'2' 305' '1-=2' <(7E53D' .:-03' 1.3' 3.' 45' 23('158' >'30' 4,..8$' <79'1-' '1' 305' 5(72' .;' .8' (18' 305' '1-# 3' '2' 37:5' 15I57305,522' 30(3' 305',(>' 8.30' 6(?5' 8'I572' Q:23' 8';;5751<52' .;',';5' 3(?51' (>(9$' 4:3' 953' 1.' 2:<0' 8';;5751<52' (2' 305' >(13.1' 0:6 .:72' (18' 47(I57'52' .;' 651' 0(I5 [:1857' (' 75I57518' 1(65' .;'0.1.:7' (18' 75E:3(3'.1' '1I51358#

05' 0'-0523' 85-755' '2' >0575' 2:<0' (' .15' '2' ?',,58$' :13.' >0.6' 305' .;;51857' 8'8' 45(7' ;('30' (18' .458'51<5T' (2' 305' 257I(13' 3.' 305' 6(2357$' 305' >';5' 3.' 305' 0:24(18$' 305' <,57?' 3.' 305' E75,(35T' (18' ' 20(,,' 5I57' (88' A;.7' 2.' ' <.1<5'I5' .;' 305' ,(>D' 305' <0',8' 3.' 305' ;(3057' .7' 305' 6 .3057# 18' 30'2' 305' ,(>' 3576 2' E5339' 375(2.1#

05' 25<.18' '2' >0575' (' 6(1' '2' 2,('1' :E.1' ;.7530.:-03' 6(,'<5$' >0'<0' 305' ,(u '3576 2' 6 :73057'T' (18' '3' '2' (1' .;;51<5' 0.77'4,5' (18' .8'.:2$' (18' <(11.3' 45' 4,(1<058' 1.7' 6(85' ;('7$' 4:3' ;.:,#

05' 30'78' '2' >0575' (' 6(1' '2' ?',,58' :E.1' (' 2:8851' 05(3' .7' [(;;7(9$' >0575:13.'305' ,(>' -'I52' 2.65' ,'33,5' ;(I.:7$' 45<(:25' (' 6(1' '1' ;:79' '2' 1.3' 0'625,;$' ' 'D * ,' >7(30' '2' (' 20.73' 6(81522# 18' 305' >'28.6' .;' ,(>' '1' 0'2' (Q5239=2' 3'65' 0(30' 6(85' (' 2:48'I'2'.1$' .;' 305' 23(4' -'I51' >0575' 305' E(739' 23(4458' '2' .:3' .;'85;51<5' (18' 0(8' 1.3' -'I51' 305' ;'723' 4,.>$' ;7.6' .3057' 6(1J 2,(:-03572#

05' ;.:730' 85-755' '2' 30(3' .;' ?',,'1-' (' 6(1' '1' 305' E(739=2' .>1' 85;51<5=' .7' 49' 6 '2(8I513:75$' >0'<0$' 30.:-0' 3059' 45' 1.3' ;5,.1'52$' 953#15I57305,522' 305' ,(>' 8.30' 1.3' 2:;;57' 3056' 3.' -.' :1E:1'2058' W X45<(:25' '3' 8.30' 8'2<571' 2.65' 2E(7?2' .;' ('4,..89' 6 '18' '1' 305' .15$' (18' .;'<(75,5221522' '1' 305' .3057#

18' 305' ;';30' '2' >0575' 305' ,(>' 8.30' (86'3' (' ?'18' .;' Q:2J 3';'<(3'.1$' 1.3' 49' E,5($' A;.7' (' 6(1' 6(9' 1.3$' 30(3' 0(30' 2058' 4,..8$' ;7.13' 305' ,(>' >'30' E,5(8'1-' 1.3' -:',3QRD' T' 4:3' >051' 305' <(25' '2' ;.:18' 49' I578'<3$' 45'1-' 8'2<,.258' :E.'!' 305' 5I'J 851<5'T' (2' >0575' (' 6(1' '1' 305' ?'1-=2' 0'-0>(9' (18' E5(<5' '2' (2J 2('58' 3.' 45' 6:73057 58' .7' 7.4458'T' .7' >051' (' 6(1' 85;5182' 0'2' 0.:25$' >0'<0' '2' 0'2' <(23,5$' (-('123' :1,(>;:;' I'.,51<5'T' .7' >051' (' 2057';;' .7' 6'1'2357' .;'Q:23'<5' '2' 752'2358' '1' 305' 5G5<:3'.1' .;' 0'2' .;;'<5T' .7' >051' 305' E(3'513' 8'<30' '1' 305' 2:7-5.1=2

/ //#a 1 G O 9>

0(182$:E.1 <:33'1-.7.3057>'25# .7 30525 <(252 305 ,(> 8.30 E7'I',5-5$ 45<(:25 .;305 15<522'39$ (18 45<(:25 .;305''11.<51<9 .;305''13513'.1#

0:2 6:<0 ;.7 305 85(3,' .; 6(1 .;>0'<0 <(252 9.: (75 3.'1@:'75$ 3.-53057 >'30 305 (<<522.7'52 4h;.75 (18 (;357 305 ;(<3#

.7 305 25<.18 ?'18$ >0'<0 <.1<5712 305 0.1.:7 (18 <0(235K (1$,&0 1522 .; E572.12 (18 ;(6','52$ 9.: (75 3.'1@:'75 .;305 7(I'20J 6 513 .;>.6 51$.;305#3(?'1-.;>.6 51 4:3 .;305 E.22522'.1 .;305'7 E(75132 .7 -:(78'(12 (-('123 305'7 >',,$ .7 6(779'1-305 6 .7 (4:2'1-3056 .;8.:4,5 6(77'(-52$ >0575 30575 >(2 1.3 ;'723 25I51 95(72 (4251<5$ (18 1.'1.3'<5 30(3 305 E(739 2.'(4251 >(2 (,'I5$ (18 .3057 ;5,.1'52 (-('123 305 0.15239 .;#,';5#

.7 305 30'78 ?'18$ >0'<0 <.1<571530 6 51=2 2:423(1<5$ 9.: .-,&%12$;' 20(,,''1@:'75 .;4:7-,(7'52$ 7.4457'52$ <:33'1-.;E:7252$ (18 3(?'1-.;(1930'1-;7.6 305 E572.1$ (18 -5157(,,9 .3057 235(,302$ (2 >5,,2:<0$ (2 (75 E,('1 (2 30.25 30(3 (75 8'2-:'258$ >0575.; >',, 49 (18 49 2E5(?# :3 ;'723 6923 75@:'75 9.:3.:25 8','-51<5 '1 E752513'1-52E5<'(,,9 30.25 E:7,.'1'1-2 (18 5645MM,5651324$ >0'<0 (75 .;E,(35$ I5225,$ .7 >0(32.5157 >'30'1'305 '1-=2 0.:25# 05 '1-=2 0.:25 '2 (1 .E51 E,(<5 '3 .:-03.'45 ?5E3 2(;5 49 ,(>$ (18 1.3 49 ,.<?$ (18 30575;.75 1558530 305 6.75 25I57'39#

.> ;.7 <.,.:758 (18 8'2-:'258 7.4457'52$ >',,'1(65 3>.' .7 30755 .;3056# 05 E:7I59.7 30(3 3(?52 >'30.:3 >(77(13 '2 1.'45335730(1 ('30'5;$ (18 '3 '2 ;5,.19# 05 257I(13 30(3 0(30 305 ?55E'1-.;0'2 6(2357=2 -..82 (18 -.530 (>(9 I'30 3056$ 30.:-0 05 <(65 3.'305 E.22522'.1 .;3056 ,(>;:,,9$ '3 '2 ;5,.19# ;30525 9.:'20(,,' ,'?5>'25 '1@:'75 E7'1<'E(,2 (18 (<<522.7'52# 05 I.,:13(79 52<(E5 .;(';5,.1 '2 (,2.';5,.19#

.7 305 ,(23 E(73$ >0'<0 '2 .;.;;51<52 <.1<571'1-305 E5.E,5 05 E5.#$# 1.3<(E'3(,$ 3059 (75 6(19$ 4:3 >',,25,5<3 .1,9 2:<0 (2 30'1?' ;'33523 3.'45 75656 45758 :13.'9.:T 23',,'8'I'8'1-$ 3.'-'I5 9.: ! 305 45335 ,'-03# 059 (75 .;;.:7 1(3:752#

05 ;'723 '2 6(3357 .;;.7<5 (18 .:37(-5#

05 25<.18 6(3357 .;';7(:8 (18 85<5'3#

05 30'78 E:4,'< 1:'2(1<52 (18 -7'5I(1<52#

05 ;.:730 475(<0 (18 '1.4257I(1<5 .;<573('1 >0.,52.65 (18 E.,'3'<,(>2;.7 -.I5716513#

.7 305 ;'723$U9.:20(,,' '1@:'75 .;7'.32 (18 :1,(>;:,(2256K .7<5$ 4,'<2$.;;.7<'4,5 5:37'5j (18 853('1572 >'30 ;.7<5T %13 E7.E57,9

K ==

L ' ' <2 22 ' 3' < 22' " ;' ;1 ' " ' R + $' H

.;' (,,' (22(:,32$ 237'?'1-$ 87(>'1-' >5(E.1$ .7' .3057' I'.,51<5' >'30'1' 305' '1-R2' 0.:25' (18' 305' E75<'1<32' 30575.;# .7' 305' '1-=2' 0.:25$;7.6' >051<5' 5G(6E,5' .;' E5(<5' 20.:,8' ;,.>' :13.' 305' ;:78523' E(732' .;' 305' ?'1-8.6$ (2' 305' .'1366513' .;' (7.1=2' 05(8' 3.' 305#2?'732' .;' 0'2' -(76513$' .:-03' 3.' 45' 2(<758' (18' '1I'.J ,(35' ;7.6' ;.7<5' (18' 47(>,2$ (2' >5,,' '1' 752E5<3' .;'75I5751<5' 3.' 305' E,(<5' (2' '1' 752E5<3' .;'8(1-57' .;'-75(357'3:6:,3$ (18' .;'',,'5G(6E,5' 3.' 305' >0.,5' ?'1-8.6# 18' 30575;.75' '1' 30(3' E,(<5' (,,' 20.:,8' 45' ;:,,' .;' E5(<5$ .7857$ 75-(78$;.745(7(1<5$ (18' 2',51<5#

52'852' .E51' ;.7<5$ 30575' '2' (' ?'18' .;' ;.7<5' 30(3' <.6530' >'30' (1' (7658' 0(18$ 4:3' 8'2-:'258$ 30(3' '2' 1.' ,522R0(35;:,' (18' 0:73J ;:,'T (18' 30(3' '2$ (4:25' (18' .EE7522'.1'49' (:30.7'39# 18' 30575J ;.75' 9.:' 20(,,' '1@:'75' .;' (,,' 5G3.73'.12' '1' .;;'<572' (18' 6'1'23572'T (2' 057';;2$ 4(','';;2' .;' 0:187582$ 2<05(3.72$ .7.1572$ .123(J 4,52$ 78'1(7'52$ (18' .30572$ >0.' 49' <.,.:7' .;' .;;'<5' 8.'E.,' 305' E5.E,5#

7(:8# .7' ;7(:82' (18' 85<5'32$ ' 8.' <0'5;,9' <.6 6518' 3.' 9.:7' <(75' 305' ;7(:82' (18' 85<5'32' '1' 30(3' >0'<0' '2' 305' <0'5;' 65(12' .;' (,,' Q:23' <.137(<3' (18' E576:3(3'.1$ >0'<0' '2' >5'-032' (18' 65(2:752'T >0575'1$ (,30.:-0' .8' 0(30' E7.1.:1<58' 30(3' (';(,25' >5'-03' '2' (1' (4.6'1(3'.1$ 953' 305' (4;'25' '2' 2.' <.66.1' (18' 2.' -5157(,$ A' 65(1'.;'>5'-032$ (18' '2E5(?'3':E.1'?1.>,58-5' (18',(35'5G(6'1(J 3'.1$D' 30(3';'.15' >575'3.'4:',8' (' <0:7<0$ 05' 20.:,8' 1558' 4:3';(,25' >5'-032$ (18' 1.3' 255?' 3056';(7'.:;' 305' E',52' .;' 47(22' 3.' 6(?5' 305' 45,,2$ (18' 305' >5'-032' .;' ,5(8' 3.' 6(?5' 305' 4(33,56513'2'T (18' 0575'1' 9.:' (75' 3.' 6(?5' 2E5<'(,' '1@:'79$ >053057' 305' <,57?' .;' 305' 6(7?53' >'30'1' 305' I57-5$ 3.' >0.6' E7.E57,9' '3' (EE573('12$ 0(30' 8.15' 0'2' 8:39#

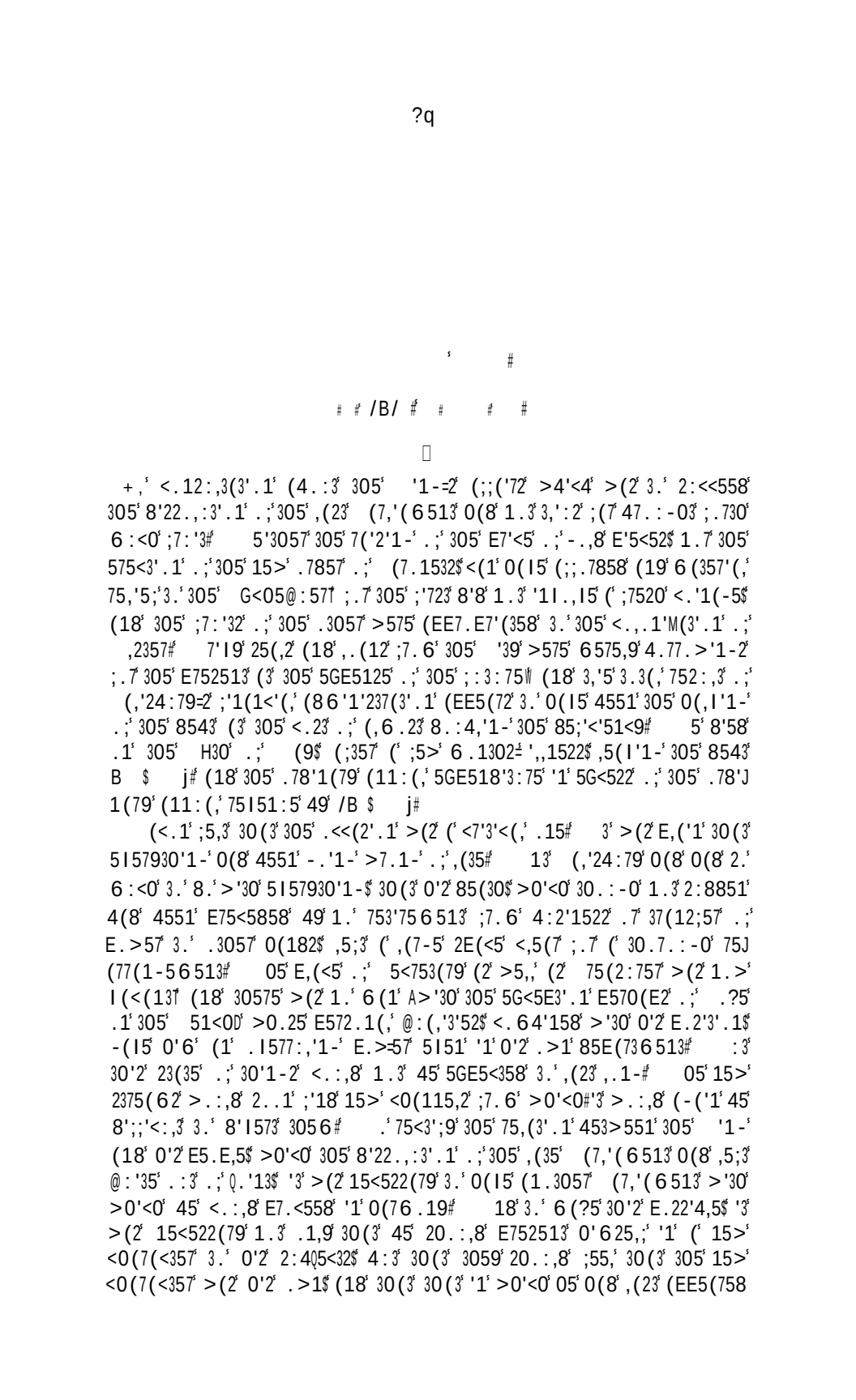
:'2(1<5# .7'1:'2(1<52' (18' -7'5I(1<52$ ' >',,' ;.7' 305' E752513' .1,9' 2'1-,5' .:3' .15$ 30(3' 95' E752513' 305' 85<(92' .;'0'-0>(92' (18' 47'8-52# .7' >0575' 305' 6(05239' .;'(' ?'1-=2' 0.:25' 87(>2' 75<.:725' (18' (<<522$ '3' '2' 4.30' 8'2-7(<5;:,' 3.' 305' ?'1-' (18' 8'25(25;:,' 3.' 305' E5.E,5$ ';' 305' >(92' 15(7K(4.:32' 45'1.3' ;('7' (18' -..8'T >0575'1' '3' '2' 237(1-5' 3.' 255' 305' <0(7-5(4,5' E(I5651 32' <(:25>(92' '1V305' (I51:52' (18' 5137(1<52' .;' 305' 3.>12' (47.(8' 459.18' 305' 25(2T >0575(2' .18.1$ 305' 25<.18' <'39' A(3' 305',5(23D' .;' :7.E5$ '1' -,.79$ '1' -75(31522$ (18' '1' >5(,30$ <(11.3' 45' 8'2<57158' 49' 305';('71522' .;' 305' >(92$ 30.:-0' (' ,'33,5' E570(E2' 49' 305' 4'R.(81522' .;' 3056$ ' (' I',,(-5#

7.(<0' .;' .7' 305' ,(23' E(73' A45<(:25' ' E(22' 30525' 30'1-2' .I57' 47'5;,9D' ' >',,' 6(?5' 6513'.1' :13.' 9.:' .;' 30755',(>2#

05' . :5' <. :<571'1-'305' ?'1-=2' E,5(2:75#
" 05' 25<. 18' <. 1<571'1-'305' E5. E,5=2' ;. .8#
18' 305' 30'78' <. 1<571'1-' >(752' (18' 6(1:;(<3:752#
. :' 20(,,' 30575;. 75' '1@:'75' . ;' 305' :1,(>;:,' 3(?'1-' E(737'8-52' '1-=2'
(18' E05(2(132' .7' ;. >,$' 305' 85237:<3'. 1' . ;' 305' 5--2' . ;' 305' >',8K' ,^N^*^K
;. >,$' 305' ?',,'1-' . ;' 0(752' .7' 8557$' (18' 305' 25,,'1-' . ;' I51'2. 1' . 7'
0(752W' ;. 7' 30(3' >0'<0' '2' ;. 7' 5G57<'25' (18' 2E. 73' (18' <. :73529'
20. :,8' 1. 3' 45' 3:7158' 3.' -,:33. 19' (18' 2(,5' I'<3:(,#
. :' 20(,,' (,2.' '1@:'75' >053057' 4(?572' (18' 475>572' ?55E' 305'7' . . 8$'
(22'M5$' (18' >053057' (2' >5,,' 3059' (2' 4:3<0572$' '110. ,8572' (18' I'<J
3:(,,572$' 8.' 25,,' 30(3' >0'<0' '2' >0. ,52. 65$' (18' (3' 75(2. 1(4,5'
E7'<52$' (18' >053057' 3059' 8.' ,'1?' (18' <. 64'15' 3.' 7('25' E7'<52#
(23,9$' 9. :' 20(,,' '1@:'75' >053057' 305' -. . 8' 23(3:35' 45' . 4257I58$' (1:;(<K'
>057549' (' 6(1' 6(9' 0(I5' 30(3' 05' 30'1?530' 05' 0(,0$' (18' 1. 3' 45'
(4:258' .7' 6'2K257I58' '1' 30(3' 05' 4:92W' ' 65(1' 30(3' 23(3:35' 30(3'
75@:'7530' 30(3' 1. 15' :25' (19' 6(1:(,' .<<:E(3'. 1' 4:3' 2:<0' (2' 0(I5'
4551' 25I51' 95(72' (EE7513'<5' 3.' '3T' >0'<0',(>' 45'1-' -5157(,,9'
37(12-752258$' 6(?52' 305' E5. E,5' 4:9' '1' 5;,5<3' <0(;;' ;. 7' <. 71T' ;. 7'
30(3' 30(3' '2' 6'2K>7. :-03' >',,' 6'2K>5(7#
0575' 45' 6(19' 6. 75' 30'1-2' '1@:'7(4,5' 49' 9. :' 307. :-0. :3' (,,'
305' ;. 7657' E(732$' >0'<0' '3' >575' . I37,. 1-' '1' E(73'<:,(7' 3. ' 75<'35#
. :' 6(9' 45' 2:EE,'58' 5'3057' . :3' . ;' 9. :7' . >1' 5GE57'51<5$' . 7' . :3' . ;'
2:<0' 4',,2' (18' '1;. 76(3'. 12' (2' 20(,,' 45'47. :-03':13. '9. :$' . 7' :E. 1'
(19' @:523'. 12' 30(3' 9. :' 20(,,' 856(18' . ;' 305' <. :73$' >0'<0' >',,' 45'
75(89' 3.' -'I5' 9. :' (19' ;:73057' 8'75<3'. 1' (2' ;(7' (2' '2' ;'3W' 4:3'
30525' >0'<0' ' 0(I5'-. 15'307. :-0' (75' 305' E7'1<'E(,' E. '132' . ;'9. :7'
<0(7-5$' >0'<0' 3.' E752513' 9. :' 0(I5'3(?51' 305' 1(65' . ;' . 8' 3.'
>'31522$' (18' '1' 305' 1(65' . ;' . 8' E57;. 76' '3#

' >

?q



>(2'1.3'0'2'.>1# ;'05'<.:,8'4:3'0(15'4551'E572:(858$'(18'4551'(4,5$'3.'25'M5'305'6.6513'.;' (,'24:79=2'85(30' ;.7'(1'513'75'<0(1-5' '1'4'2'.>1'>(92\';'05'<.:,8';7.6'30(3'6.6513'0(15',('8'0'2';.7657'<0(7(<357'(2'85'(:8'20.>1'0'625,;'('15>'6(1$\05'6'-03''30'1?'0(15'2:<<55858# 3'>.:,8'0(15'4551'30.:-03'30(3'0'2'37:5'1(3:75'0(8'4551'.42<:758'3',,'3051'49'0'2'6'1'2357$'(18'(EE5(758'1.>''1''32',(3:7(,',:2375# .7'2'3''6E.22'4,5'30(3'(' %% '5GE57'6513'.;'3,'(3'?'18'6'-03'75(,,9'(18'E576(1513,9'0(15'<0(1-58'0'6# .7'<573('1,9'0'2':13(:-03'296E(30'52'(18'1(3:7(,''6E:,252'>575'(,>(92'>'30'305'E5.E,5'(18'0:6(1'1(3:75$'(18'/'<(11.3'05,E'30'1?'1-'30('3'';'05'0(8'.1<5'37'58'305'5GE57'6513'.;'>5(7'1-'0'2'E757.-(3'15'('33,5'6.75'<(75,522,9$'05'>.:,8'0(15';.:18'3'2.'6:<0'6.75'<.6;.73J(4,5'(18'45<.6'1-'30(3'05'>.:,8'0(15'<.13'1:58'305';(20'.1# :3''';'30'2'>(2'3.'45'8.15$'3'6:23'45'8.15'2:8851,9# 3''2''1'3'652'.;'<0(1-5'30(3'15>''6E7522'.12'(75'>7.:-03''1'2.'(2'3.',(23\>051'3059'0(15'4551'(,,.>58'3.K'2533,5$'305'15>'>',,'0(78,9''1<.7E.7(35'>'30'305'.,8#

.>'30575;.75'>(2'305'3'65\(18'1.>'.1<5'6.75'(<.1'>(2'356E358'3.'235E'.:3'.;'0'2'<.:725# '30573.'305'1579';5>'A(18''0.E5''6(9'1.>'2(9'305'1579'6.8523D'(EE,'<(3'.12'>0'<0'45'0(8'6(85'3.'305' '1-'.1'0'2'.>1'450(,;'0(8'4551'6575,9';.7'.78'1(79'(81(1<5651 3''1'305'75-:,(7'<.:725'.;'0'2'E7.;522'.1# :3':E.1'(,'24:79=2'85(30''3'<.:,8'1.3'4:3'.<<:7'3.'0'6'30(3'305' '1-'6'-03'0(15'6:<0'6.75''6E.73(13':25'.;'0'6'(2'('<.:1<',,.7'.;' 3(35'30(1'6575,9'(2'(' 3(35',(>957# 05' '1-'0(8''1';(<3'3.'<0..25'('05>'E7'65'6'1'2357'>0'<0''1'30'2'<(25'>(2'(,6.23'(2'6:<0'(2';.76'1-'('15>'(86'1'237(3'.1# 0.6'0(8'05'3.'<0..25';7.6'j' 5'0(8''1'#0'2' .:1<',305' .78' 0(1<5,,.7'('6(1'4758':1857' ,'M(4530$'4:3'1.>'15(7,9'>.71'.:3$'<0'5;,9'.<<:E'58'>'30'305'4:2'1522'.;'0'2' .:73$'(18'1515 7'6:<0'.;'('E.,'3'<'(1# 5'0(8'305' (7,'.;' .730(6E3.1'('6(1''1''0'-0'75E:35';.7',5(71'1-'(18'3(,513$'52E5<'(,,9'(2'('>7'357$'A45'1-''18558'('-75(3'(73'23'>'30'0'2'E51'(<<.78'1-'3.'305';(20'.1(4,5'3(235'.;'305'8(9D$'4:3':1E.E:,(7$';7.6'('2:2E5<358',5(1'1-'3.'.E579$'(18'1.3'('6(1'.;'(19'75(,'Q:8-6513'.7'(4','39'A2.';(7'(2''<(1'6(?5'0'6'.:3D$'1.7'E(37'.3'<''1'0'2'5182$'1.7'2<7:E:,.:2''1'0'2'6530.82'.;'E:72:'1-'3056# 5'0(8'.4573'(775$'1.>'.78'.J<052357'1'(1''15GE57'51<58'(18':1'1237:<358'9.:30$'-'151'3.'E,5(2:75$'-75589'.;'-('1$''13.G'<(358'49'0'2'2:8851'5,51(3'.1$'8'2,'?58'49'305'E5.E,5'45<(:25'05'>(2'('<.3<06(1'(18'-533'1-'(,,'305'-..8'30'1-2$'(18'0(1'1-'(1''1357523''1'305' '1-=2'(;;5<3'.12'>0'<0'-(15'0'6'(1''1;,:51<5'.157'0'2'<.:125,2'-75(357'E7.4(4,9'30(1'305' '1-'>(2'(>(75'.;# 5'0(8'305' (7,'.;' :;;.,?1'('-75(3'<.:73'57$'(18'('6(-J1';'<513'2.73'.;'E572.1$'4:3'.;'>0.25''85(2'A';'05'0(8'(19D'><'?1.>

1.30'1-# 05' 7523' >575' 5'3057' '1237: 6 51328' .7' <'E0572$ .7' @:'53' E5.E,5' >0.' 6'1858' .1,9' 305'" .>1' 4:2'1522' (18' 8'8' 1.3' (;;5<3' 3.' '1357;575' >'30' 305' 6(1(-56513' .;' 305' 3(35# 9';(7' 305' 4523' 05(8' A' 3(?5' '30' '1' (652=2' .:1<',' >(2' 0'2' .>1' (18' (' I579' 2:;;'<'513' 05(8' '3' >.:,8' 0(I5' 4551' ';' '3' 0(8' 4551' (EE,'58' 235(8',9' 3.' '32' >.7?# :3' 05' >(2';.7' 3..' 5(29' (' 6(2357' 4.30' 3.' 0'6 25,;' (18' 3.' 30.25' (4.:3' 0'6# 5' >(2';.7' 5I57' 5G<:2'1-' 0'6 25,;' ;7.6' ;.,,.>'1-' 0'2' .>1' Q:8-6513 \ ;7.6' 8.'1-' >0(3' 05' >.:,8' 0(I5' (8I'258' (19' .15' 5,25' 3.' 8.' '1' 305' 2(65' 2'3:(3'.1 \ >051' '3' >(2' .EE.258' 49' 0'2';(I.:7'352' .7' 8'2(-755(4,5' 3.' 0'6 25,;'1 (18' .1' 30(3' (<<..:13$' '1' 2:<0' 3'6 52' (2' 05' 0(8';(,,51' :E.1$ \ >'30' (' 854'3' .;' $ /$' (1' (11:(,'85;'<'51<9' .;' /B $ /$' (18' (' .:25' .;' .6 6.12' 15>,9' (>(?5158' 3.' (' 25125' (2' >5,,' .;' 4'2' 15<522'3'52' (2' .;' 305'7' .>1' E.>572$' (18' 853576'158' 3.' 6(?5' 305' 6.23' .;'305'7' (8I(13(-5$ \ 05' >(2' 1.' ;'3' 6(1' 3.' 45' 0'2' .>1' E7'65' 6'1'2357#

0(3' <.:725' (<.1' (<3:(,,9' 3..?' '1' 30'2' 5G'-51<9$ ' <(11.3' <57J 3('1,9' 2(9' ;.7' '1' (' 6(3357' >0'<0' 75@:'752' 85,'<(35' >(,?'1-' (' 6(1' >',,' 2.653'652' 87(>' :E' (',53357' '1' 8:5';.76' 49' >(9' .;'5GE57'6513$ 3.' 255' 0.>' '3',..?2' .1' E(E57$' (18' ?55E' '3' 4(<?' ';' 05' 8.52' 1.3','?5' 305',..?' .;' '3 4:3' 305' <.:725' 05' 658'3(358' (18' * ' 3.' 3(?5' 6(9' 45' -(305758';7.6' 305';.,,.>'1-',533572$ \ 3>.' .;' 3056' <573('1,9' >7'3351' (3' 30'2' 3'65$' (18' 305' 30'78' E7.4(4,9' 1.3',.1-' (;357$ \ (18' (,,' ;.:18' (6.1-' 305' 87(;32' (18' <.E'52' E75257I58' '1',!'2' .>1' <(4'153# 0(3' 1.15' .;'305' 30755' >(2' '1<,:858' '1' 0'2' N75-'2357K4..?' .;',533572$P' 6(9' 45' 2:;;'<'513,9' 5GE,('158' E570(E2' 49' 305'7' E7'I(35' (18' <.1;'8513'(,' <0(7(<357$' >'30.:3' 2:EE.2'1-' 30(3' 3059' >575' :,3'6(35,9' >'3005,8# 18';'3059'9 ' >'3005,8$' '3' 6(9'0(I5' 4551' .1,9' 45<(:25' 05' 0(8'0(8' (1' .EE.73:1'39' '1' 305' 65(1' 3'65' .;' 2E5(?'1-' 3.' 305' '1-' '1' E7'I(351' >0'<0' '3' >.:,8' (EE5(7';7.6' .15' .;' '05N' (E.E0305-62' P' 30(3' 05'75(9' 0(8':E.1' 30'2R I579' .<<(2'.1#!' :3'0.>5157' 30(3' 6(9' 45$' 0'2' E7'I(35' 30.:-032' (18' '13513'.12' (75' >0(3' >5' (75' <0'5;,9' <.1<57158' >'30$' (18' .;'30525' 3059' (;;.78' 305' 4523' 5I'851<5#

05';'723' '2' 5I'8513,9' 305' 45-'11'1-' .;' (',53357$' >'30' 305' E7.-7522' .;' >0'<0' 45' >(2' 2.' ',' 2(3'2;'58' 30(3' 05',('8' '3' 49' (18' 45-(1' (1.3057# 3' '2' (' 7.:-0' 87(;3$' >7'3351' '1' 0'2' .>1' 0(18' (18' E(73,9' '1' 755?

= N' ..1' (;357' 305' 85(30' .;' (' -75(3' .;;'<57' >0.' >(2Q:8-58'1.' (8I(1<57' .;' 305' 1-=2' 6(33572$' 305' '1-' 2('8' 3.' 0'2' .0<'3.7' (<.1$' >0.' >(','2' ?'126(1$' U .>' 35,,' 65' 37:,9$' >0(3' 2(9' 9.:' .;' 9.:7' <.:2'1' 30(3' '2' -.15' j= 7# (<.1' (12>5758' U '7$' 2'1<5' 9.:7' (Q5239' 8.30' <0(7-5' 65$' =,' 5=51' 85(,' E,('1,9' >'30' 9.:$' (18' -'15' 9.:' 2:<0' (' <0(7(<357' .;' 0'6' (2';' ' >575' 3.' >7'35' 0'2' 23.79# ' 8.' 30'1?',' 5>(2' 1.' ;'3' <.:125,,.7' 3.' 6(?5' 9.:7' (;;('72' 453357' Q 4:3'953' 05' >(2';'3.' 0(15' ?5E3' 3056' ;7.6' -7.>'1-' >.725#= 05' '1-' 2('8' Ü.1' 69' 2.=;' 6(1$' '1' 305';'723' 30.:' 2E5(?523' ,'?5' (' 37:5I6(1$' (18' '1' 305',(3357',' ?5' (' ?'126(1#= A '3# (18' 7.;# .7?2$' '# E# /C #D' .' 6:23' 1.3' 0.>5157' '1;57' 3..' 6:<0' ;7.6' 305' >.78'1-' .;' 30'2' 1E.K' ,c0305-6$' ;.7' '3' <.652' ;7.6' 305' <.,,5<3'.1' '1' 3,'5' % ;' 6(19' .;' >0'<0$' ' 2:2E5<3$' 0(15' 3..' 6:<0' .;' 305' 58'3.7' '1' 3056#

" ' ' ? ' ' ' ' ' ; ' +

0(I5' 1.' 65(12' .;'?1. > '1-W ; .7' '3' '2' @ : '35' 5G<5E3'. 1(,$R'Q18' E. '132' 3.' (' E7. Q5<3' 3.' >0'<0' ' 0(I5' ;. : 18' 1.' . 3057' (,, : 2'. 1' (19>0575# 3' '2' @ : '35' E. 22'4,5' 30(3' '3' >(2' .1,9' (' 30. : -03' >0'<0' E57'2058' '1' 305' 253J 3'1-' 8. >1# :3' 305' 65(1'1-'<(11.3' 45' 6 '23(?51$' (18' 305' 8(35'<(1J 1.3' 05';(7' 756. I58';7. 6' >0575' >5' 1.>#(75# 2' 305' .1,9' 756589';.7' 305' '1-=2' (;;('72' >(2' 3.' 05' 2. : -03';7. 6' (7,'(6513$' 2.' 0'2' E7'1<'E(,' 8';;'<:,39' ,(9' '1' 305' . >57$' . : 25# (,'24 : 79' 0(8' 0(8' ,.1-' 5GE57'51<5' (2' (' 656457' .;' 305' . 66. 12' 45;. 75' 05' >(2' 7('258' 3.' 305' 557(-5$' (18' 0(8' (' E(739' 30575' .;' E57J 2.1(,' (80575132' (;357>(782# 53' 5I%51' '1' 0'2' 3' 65' 305' . I5716513' >(2' 4 : 3' >5(?,9' 75E75251358# N' ' 6 : 23' 35,,' 9. : $P' >7'352' '7' 8>(78' . 49' 3.' '7' 0. 6(2' 86 : 182$' C' (7<0' /B KB$' N' 30(3' ' 30'1?' 305' 3(35' 2<. 7153O' 3.' 0(I5' (19' E7'I9' <. : 125,,. 72' .;' (19' : 185723(18'1-' '1' 30(3' 0. : 25#P* 18' (;357' (,'24 : 79=2' 85(30' '3' >. :,8' 45' 8';;'<:,3' 3.' 1(65' (19' 656457' 5'3057' .;' 305' . : 1<',' .7' .;' (7,'(6513' >0.25' E. J 2'3'. 1' '1' 305' -. I5716513' <. 64'158' >'30' 0'2' E572. 1(,' >5'-03' >. :,8' 0(I5' 51(4,58' 0'6' 3.' <. 18 : <3' 305' . I5716513' 4 : 2'1522' '1' 345' . >57' . : 25' >'30' 5;;5<3# ' 2 : EE. 25' '7' : ,' : 2' (52(7' >. :,8' 0(I5' 4551' <. 12'85758' 305' 0'-0523' 75E752513(3'I5' .;' 305' . : 1<',' '1' 305' ,(23' 0. : 25$ 4 : 3' 05' 8.52' 1. 3' (EE5(7' 3.' 0(I5' 0(8' (19' E572. 1(,' '1';, : 51<5' '1' 854(35# 0(3' >(2' >(1358' >(2' 2. 65' 6(1' >0.' <. :,8';',' 305' E. 2'J 3'. 1' >0'<0' (,'24 : 79' 0(8';',,58' '1' ,'M(4530=2' 3>. ',(23' E(7,'(6513 2' W \ (' E7'1<'E(,' 25<753(79' .;' 23(35$' @ : (,';'58' 3.' ,5(8' 305' . >57' . : 25# 18' 30. : -0$' (6. 1-' 305' 6(19' <(18'8(352' ;. 7' 305' I(<(13' 25<753(79K' 2,''E$' 30575' >(2' 6. 75' 30(1' . 15' >0.' 6'-03' 0(I5' 8. 15' >5,,' 51. : -0$' 305' 8';;'<:,3'52' .;' . 15' ?'18' . 7' (1. 3057' '1' 305' <0. '<5' >575' 2.' -75(3$' 30(3' 305' (EE. '136513' 756('158' 23',,$' (18' 25566 58',' ?5,9' 3.' 756('1$' '1' 2 : 2E5125# 0(3' 7 : 6. : 7' 15I57' 2 : --52358' 305' 1(65' .;' (<. 1$' >(2' . >'1-' E7. 4(4,9' 3.' 305' ;(<3' 30(3' 345' .;;'<5',(9' . : 3' .;' 305' . 78'1(79' ,'15' .;' E7. 6. 3'. 1' ;. 7' (' ,(>957# K 18' 953' 30575' <(1' 0(78,9' 45' (' 8. : 43' 30(3' 05' >. :,8' 0(I5' 4551' 305' ;'33523' 6(1' W 1. 7' >(2' 30575' (19' (EE(7513' . 4Q5<3'. 1' 3.' 0'2' 45'1-' 37(12;57758' 3.' 30(3' 85E(736513$';' 05' >575' 0'625,;' >',,'1-# 3' >(2' 30'2' <. 12'857(3'. 1$' ' 2 : EE. 25$' >0'<0' E7. 6E358' 0'6' (4. : 3' 30'2' 3'65' 3.' >7'35' 305';.,,. >'1-',53357#

.' '

3' 6(9' E,5(25' 9. : 7' 5G<5,,513' (Q5239$

9' E7'1<'E(,' 518' 45'1-' 3.' 8.' 9. : 7' (Q5239' 2571'<5$' ' <7(I5' ,5(I5' 3.' 6(?5' (3' 30'2' 3'65' 3.' 9. : 7' (Q5239' 30'2' 6. 23' 0 : 64,5' .4,(3'. 1' .;' 6925,;# ' 6(9' 37 :,9' 2(9' >'30' 305' E2(,6$ # +

' ›' ' -1' - ' '+ 2 '% '5 ' '!'?'
@ & -') ! '5 ' '""A' ? 6,'1 ' -'? 7 - ', -1

Q0,# % ? ?

<(:25 3059(75 2.65>0(3 8';;57'1-;7.6 305:2(-5.;;.7657 3'652$ (18 953 1.3 49>(9.;1.15,39$4:3 49>(9.;75;.76(3'.1$ (18 758:<3'.1.;30'1-2 3. 305'7 (1<'513 (18 37:5'123'3:3'.1#

0575'1 15I57305,522 '3 '2 0'2 (Q5239=2 5GE7522 E,5(2:75 '3 45 2'-1';'58$ 30(3 05 :185723(182 30'2 3. 45 8.15 >R'30.:3 (19 8AQ7.-(3'.1;7.6 305 656.79 .7 2571'<5 .;30.25 -75(3 E572.12 >0'<0 0(I5 ;.7657,9 05,8 30'2 E,(<5$.;>0.25 8.'1-2 0'2 (J Q5239 753('1530 (' -..8 (18 -7(<'.:2 75656 47(1<5$ 52E5<'(,,9 3.:<0'1-305 2'1<57'39 .;305'7 .>1 6'182#

:3 1.>30(3 0'2 (Q5239 65(1530 3. 45 (2 '3 >575 6(2357 .; 305 >(782 0'625,;$ (18 30(3 30.25 30(3 05 :2530 45 4:3 (2 0'2 2:423'3:352$ (18 6.I5 >0.,,9'1 0'2 6.3'.1$ 05 8.30 5GE5<3 30'1-2 45 <(77'58 '1 (' 2.73 >.7309 0'2 .>1 <(75#

'723 30575;.75 0'2 (Q5239 0(30 0(8 30'2 E7'1<5,9 <.12'857(J 3'.1 >'30 0'625,;$ 30(3 (2 05 '2 % ,' 2. 05 '2 49 305 (1<'513 ,(> .;30'2 ?'1-8.6 ,' >0575 30575 '2 (19 351:75 49 ?1'-03=2 2571'<5 .;0'625,;T >0'<0 5G3518530 (,6.23 3. (,,' 305 -75(3 ;(6','52 1.4,5 (18 -5157.:2 .;30'2?'1-8.6 (18 30575;.75 45'1-' (' 75E752513(3'I5 ;(3057$ 0'2 E:7E.25 '2 3. '6 '3(35 (18 (EE'=.(<0 (2 15(7 (2 6(9 45 3. 305 8:3'52 (18 .;;'<52 .;' (' 1(3:7(,' ;(3057$ '1 305 -..8 58:<(3'.1$ >5,' 4523.>'1-' '1 6(77'(-5$ (18 E75257I(3'.1 .;305 0.:252$ >..82$,(182$ (18 52J 3(352 .;0'2 >(782#

.7 (2 '3 '2 0'2 (Q5239=2 8'75<3'.1 30(3 30(3 E(73 >0'<0 <.1J <5712 0'2 .>1 E7.;'3 (18 7'-03 05 5G5<:358 >'30 6.857(3'.1$ 2. .1 305 .3057 2'85$ '3 '2 0'2 E7'1<5,9 >',' 30(3 30(3 .3057 E(73 >0'<0 <.1<571530 E7.35<3'.1 45 .I572E75(8 (18 5G351858 3.' 305 :36.23#

0575'1 0'2 (Q5239 0(30 30755 E572.12 '1 0'2 595$ 305 >(782 3056 25,I52$ '8'.32$ (18 305 7523 .;','?5 1(3:75T 305 2:'3.72 '1 30'2 <.:73T (18 305 2:4Q5<32 (3 ,(7-5#

.7 305 ;'723$ 0'2 (Q5239 0(30 <.66(1858 2E5<'(,'<(75 3.' 45 3(?51 '1 305 <0.'<5 .;305 E572.12 3.' >0.6 3059 45 <.66'3358$ 30(3 305 2(65 45 2.:18 '1 75,'-'.1$ 2:<0 >0.25 0.:25 (18 ;(6','52 (75 1.3 1.358 ;.7 8'22.,:35$ 1.'-75589 E572.12$ 1.' 235EK6.30572$ 1.' 305 ,'?5$ (18 >'30 30525 @:(,';'<(3'.12$.;305 15(7523 ;7'5182# (9 ;:73057$ 0'2 (Q5239 '2 6'1858 1.3 2.' 3.' 85,5-(35 30'2 37:23 3.' 305=<.66'33552$ 4:3 30(3 05 >',' 0(I5 .1<5 '1 305 95(7 (3 305 ,5(23 49 E572.12 .;<758'3 '1 51579 <.:139 (' I'5> (18 '12E5<3'.1 3(?51 .;305 E572.12$ 0.:252$ R..82$ (18 ,(182 .;305 >(782$ (18

.3057' E572.12' :1857' 305' E7.35<3'.1' .;'30'2R<.:73$' (18' <573';'<(35' 3.' 45' 6(85'30575.;'(<<.78'1-,9#

.7' 305' 2:'3.72$' >0'<0' '2' 305' 25<.18' 0'2' (Q5239=2' E7'1<5,9' <(75' ;(,,2' :E.1' 3>.'E.'132' .;' 75;.76(3'.1'T' 305' ;'723' 30(3' 30575' 45' (1' 5G(30'1(3'.1' .;';552$' >0(3' (75' 8:5' (18' (1<'513$' (18' >0(3' (75' 15>' (18' 5G(<358'T' (18' 30.25' .;' 305',(3357'?'18'E:3'8.>1'T' 305' .3057$' 30(3' 305'<.:73'8.'1.3'513573('1'<(:252'3..',.1-':E.1'<.13'1:(1<52' .;','I57'52' (;357' 305' E(73'52' (75'<.65'.;';:,,'(-5$' >0'<0' 2571530' 4:3'3.'>(235' 305' E(73'52'1'2:'3$'<.12'857'1-'305' 85<7552'<(11.3' 45'E57E53:(,$'4:3'356E.7(79'T'K(18'30575;.75'<.1J 37.I572'52' 0575' 0(18,58' (75' 25,8.6'E:3' '1' E5(<5$'3',,' 3059' 0(I5' E(23' (' 37'(,' (18' 85<'2'.1'1'.3057'<.:732#

.7' 305' 30'78$' >0'<0' '2' 305' 2:4Q5<3' (3',(7-5'W 0'2' (Q5239' 0(30'W 3(?51' '13.' 0'2' E7'1<5,9' <(75' 305' :115<522(79' I5G(3'.12' .;' 0'2' E5.E,5' 49';5.8(7'52$' (18' .3057' '1;57'.7' 6'1'23572'.;',?5'1(3:75$' 49'<.,.:7' .;' 0'2' 351:752'W .;' >0'<0' E(73' '2(9'1.30'1-';.7'305' E752513$' 45<(:25' 305' E(73'52' >0.6' '3' <.1<5712' (75';.7' 305' 6.23' E(73'(4251 3'W 4:3'.7857' 20(,,' 45' -'I51$' 30(3' 3059' 20(,,' -'I5' 305'7' (33518(1<5' 305',(23'8(9'.;' 305' 3576$' 3051'3.':185723(18';:73057' 0'2' (Q5239=2' -7(<'.:2'E,5(2:75#

0:2' 6:<0' 49' 0'2' (Q5239=2' <.66(1865131' 1.>' >5' 6(9' E7.<558'3.' 305' 4:2'1522' .;' 305' <.:73#

3 %,# /' * %' +,' (/: ,%' *' +,' E %0/' ' /,%7,' * % ' (8,/ ./' , ,%' /,%7 #,' 0' +,' , ,% ' 0 K

'723$' 30(3' 05' 3(?5'(1'(<<.:13'0.>'0'2' (Q5239=2',(23'1237:<J 3'.12'0(I5'4551'E:72:58'T' (18'.;' 305''1<75(25'.;' 4515;'3' (<<7:58' 3.' 0'2' (Q5239'3057549$' (18' 305' E7.E.73'.1' 30575.;#

0575'1';'723$' '1' -5157(,$' '3'>',,' 45' -..8'3.'<(23':E' ('95(7=2' 4515;'3$' I'M#;7.6' 547:(79$' /B/ $' >0'<0' '2' 305' 8(35' .;' 305' '1J 237:<3'.12':1857' 305'-75(3'25(,$ 3.' 547:(79$' /B//'T' (18' 3.'<.6J E(75' 305' 3.3(,' >'30' ;.7657'95(72' 45;.75' 305' '1237:<3'.12$' 30(3' 305' 3755' 6(9'(EE5(7' 49' 305';7:'3$' (18' '3' 6(9' 45'2551'0.>' 6:<0' 0'2' (Q5239=2'E7.;'3' '2' 758.:4,58'.7' '1<75(258' 49' 30(3'<.:725#

5<.18,9$' '3'>',,'1.3' 45' (6'22'3.'<.6E:35'1.3' .1,9' 305'95(7,9' 4515;'3$' 4:3' 305' 1:6457' .;' >(7820'E2'-7(1358' 30(3' 95(7$' (18' 3.' <.6E(75' 30(3' >'30' 305' 1:6457' .;';.7657'95(72' ;.7' 30.:-0' 305' 1:6457' 45' (' 30'1-' <(2:(,$' 953' ';' '3' 45' (EE(7513,9',522' 30(1#'1' ;.7657'95(72$' 3051' '3' 6(9' 45'Q:23,9'8.:4358' 30(3' 651'3(?5'(8K

K % ' ' ' # F '(7,# !# ?h h,';# / L#

I(13(-5' :E.1' 305',(23' <,(:25' '1' 305' '1237:<3'.12' A.;' 5G<5E3'.12' .;' >(782' <.1<5(,580' 3.' E7(<3'25' 85,(92' (18' 6'2;':8'1-' .;' .;;'<52$ >0'<0' '2' (' 30'1-' 6.23' 8(1-57.:2#

0'78,9$ '1' E(73'<:,(7' '3' 4504I530' 3.' E57:25' (18' 75I'5>' 305' 4(7-('12' 6(85$ (18' 3.' <.12'857' 305' 7(352' A651=2' 523(352' 45'1-' 30'1-2' >0'<0' ;.7' 305' 6.23' E(73' <(11.3' 45' 0'80' (18' 3057549' 3.' 8'2<571' >0(3''6E7.I5651 3' (18' -..8' 0:24(1879' 0(30' 4551' :258$ (18' 0.>' 6:<0' 305' '1-' 0(30' 6.75' 1.>' >051' 305' >0.,5' 4515;'3' '2' 2:EE.258' 3.' -.' 3.' 0'6$ 30(1' 05' 0(8' >051' 30755' E(732' .;' 305' 4515;'3' >513' 3.' 305' <.66'3355#

.:730,9$K' '3' '2' 75@:'2'35' 3.' 3(?5' <.12'857(3'.1' >0(3' <.66'2J 2'.12' K0(I5' 4551' 7(1358' ;.7' <.E90.,82' ;.7',I52$ >0'<0' (75' 5GJ <5E358' 49' 305' '1237:<3'.12' ;7.6' 45'1-' ,5(258$ Q68' >0(3' E7.;'3' 0(30' 4551' 7('258' 3057549#

0:2' 6:<0' ;.7' 305' 3'65' E(23$ (18' :E.1' I'5>' .;' 30525' (<<.:132$ ' D '% ';.7';:7857'.7857'3.' 45' 3(?51#

.7' 305' 3'65' 3.' <.65$;'723' '3' '2' ;'3' 30(3' 305' 6(2357' .;' 305' >(782$ 45'1-' (' 65(157' E572.1$ 45' :2:(,,9' E752513' (2' >5,,' (3' 305' 375(39' (18' 45(3'1-' .;' 305' 4(7-('1$ (2' (3' 305' <.1<,:8'1-$ (18' 30(3' 05' 3(?5' 1.3' 305' 4:2'1522' 49' 75E.73#

5<.18,9$ >051' 2:'3' '2' 6(85$ 305' '1;.76(3'.1' 49' 2:7I59' (18' <.66'22'.1' '2' 4:3'.15' '6(-51' 4:3' 305' >(9' >575' 49' E7'I(35' 8','J -51<5' 3.' 45' 75(,,9' '1;.7658' 15'3057' '2' '3' 0(78' ;.7' (' E572.1' 30(3' ,'I530' '1' (1' '11' .;' <.:73$ >0575' 30575' 45' :185723(18'1-' 651' .;' 5I579' <.:139' .;' 1-,(18' 3.' .43('1' 49' <(75' <573('1' '1;.76(3'.1#

0'G=8,9$ 30'2' ?'18' .;'E7.6'25' .;'E75;577'1-' 305' 15G3' (?'1' 8.30' 6:<0' .42<:75' 305' '1;.76(3'.1$ >0'<0' 45;.75' 49' <.6E53'3'.1' .;' 8'I572' 8'8' 453357' (EE5(71' (18' 30575;.75' '3' 6(9' 45' 15<522(79' ;.7' 305' 6(2357' .;' 305' >(782' 2.653'652' 3.' 8'75<3',533572' 3.' 2.65' E57J 2.12' 15(7' 305' >(78' ,'I'1-$ (18' 3.' 3(?5' <573';'<(35';7.6' 3056' '3' 45'1-' (,>(92' '1351858' 305' 2:4Q5<3' 45' 1.3' 7(<?58' 3..' 0'-0$ (18' 30(3' 305' 15(7523' ;7'5182' 30(3' 05' 2.:18' '1' 75,'-'.1$ (18',' ?5' 3.' -'I5' 305' >(78' -..8' 58:<(3'.1$ 45' E75;57758#

.:730,9$ 30(3' '3' 45' 5G(6'158' <(75;:,,9' >053057' 305' >(78=2' 75I51:52' <.12'23' .;'<.E90.,82' ;.7',I52$ >0'<0' (75' 1.3' 3.' 05' <.6J E7'258' '1' 305' ,5(25$ (18' 30(3' 30575' 45' 1.' 15-,5<3' 3.' -7(13' <.6J 6'22'.12' ;.7' 305' 2(65$ (18' 30(3' 305' 6(2357' 3(?5' .7857' 3.' 45' <573';'58' .;' 305' E7.;'32' .;' ;.7657' #<.:732' 05,8' 49' 305' >(78=2' (1<523.7$ 30(3' '3' 6(9' 45' (' E75<5851 3' (18' 8'75<3'.1' ;.7' 305' <.6J 6'22'.1572#

' <2 21 ' :3' < ;2' " ;' ;2 ' " ' R + $:H

';30,9$ 30(3' 305' 6(2357' 6(?5' (<<.:13' 5I579' 2'G' 6.1302' A305' 23(35' (EE.'132' .15' '1' 305' 95(70' 3.' 0'2' (Q5239' (18' 30(3' >051' 05' 47'1-530' 305' 4',' .;' -7(132' .;' 305' 4.89' ;.7' 0'2' (Q5239=2' 2'-J 1(3:75$' 05' 47'1-' ('2<058:,5' .;' 305' 37:30' .;' 305' 23(35' .;' 5I579' .15' .;' 3056' A(2K'3' 0(30' (EE5(758' 3.' 0'6' 49' '1;.76(3'.1D' (18' (<J @:('13' 0'2' (Q5239' 4.30' >'30' 305' 7(352' (18' 23(352#

0:2' 6:<0' <.1<571'1-' 305' '6E7.I56513' .;' 305' '1-=2' E7.;'3$' >0'<0' <.1<571530' 305' '1-' ' ' ' 1.>' (2' '

'723' ;.7' 305' >(782'3056 25,I52$' 30(3' 30575' 45' 2E5<'(,' <(75'3(?51' '1' 305' <0.'<5' .;' 305' <.66'3355$' 30(3' 05' 45' 2.:18' '1' 75,'-'.1$' 0'2' 0.:25' (18' ;(6',9' 1.3' 8'22.,:35$' 1.' -75589' E572.1$' 1.' 235EK6.3057$' 1.7' 305',?5#

:73057$' 30(3' 30575' 45' ,533572' >7'3351' .1<5' 5I579' 95(7' 3.' <57J 3('1' E7'1<'E(,' -513,5651' .;' <758'3' ';" 5I579' <.:139$' 3.' 3(?5' I'5>' 1.3' .1,9' .;' 305' E572.1' .;' 305' >(782' '1' 5I579' <.:139' (18' 305'7' 58:<(3'.1$' 4:3' .;' 305'7' 0.:252$' >..82$' -7.:182$' (18' 523(35$' (18' 305' 2(65' 3.' <573';9' 30(3' 305' <.66'3355' 6(9' 45' 05,8' '1' 2.65' (>5$' (18' 30(3' 305' 4,522'1-' .;' 305' E..7' .7E0(12' (18' 305' E:E',2' 6(9' <.65' :E.1' 0'2' (Q5239' (18' 0'2' <0',8751#

5<.18,9$' ;.7' 305' 2:'3.72$' 30(3' 30575' 45' ('237('3' 5G(6'1(3'.1' <.1<571'1-' 305' 7('2'1-' (18' 6:,3'E,'<(3'.1' .;' ;552' '1' 30(3' <.:73$' >0'<0' '2' 6:<0' 2<(18(,'M58' >'30' .E'1'.1' 30575.;$' (18' (,,' 5G(<358' ;552' E:3' 8.>1#

0'78,9$' ;.7' 305' 2:4Q5<32' (3' ,(7-5$' 30(3' 305' I5G(3'.1' .;' 52K' <05(3.72' (18' ;5.8(7'52' 45' 75E752258$' >0'<0' A:E.1' 1.' 2:423(13'(,' -7.:18' .;' 75<.78D' I5G' 305' <.:1379' >'30' '1@:'2'3'.12' (18' .3057' 5G3.73'.12'W' (18' ;.7' 30(3' E:7E.25' 30(3' 30575' 45'.15' 253' 8(9' (3' 305' 518' .;' 5I579' 3576' (EE.'1358' ;.7' 5G(6'1'1-' 305' (4:252' .;' 2:<0' '1;57'.7' .;;'<572$' (18' 30(3' 305' 6(2357' .;' >(782'3(?5'2E5<'(,' <(75' 3.' 75<5'I5' E7'I(35' '1;.76(3'.1' ;7.6' -513,5651' .;' @:(,'39' (18' <.12<'51<5' '1' 5I579' 20'75' 3.:<0'1-' 305' 2(65#

0525' >575' 1.' 8.:43' 305' N' .352' ;.7' 305' (782' P' .;' >0'<0' A(2' >5' 20(,' ;'18' '1' (' ,53357' .;' ,(357' 8(35D' 305' '1-' >(2' E,5(258' 3.' 2(9' 30(3' 3059' >575' N' 1.' 37'<?2' 1.7' 1.I5,3'52$' 4:3' 37:5' E(22(-52' .;' 4:2'1522' (18' >0'<0' >575':258' (<<.78'1-,9$' 30.:-0' 1.3' 5G(<3,9' '1' 305' >(9' >0'<0' (<.:' 0(8' (13'<'E(358# .7' 3059' >575' 0(1858' .I57' 3.' (1.3057' 6(1$ N 1' (3:78(9$P' >7'352' 0(6457,('1' (-('1' .1' 305' /C30' .;' :1.$

/B/ #a' ' ' ' ' ' ' % # <

3'1-'305'.7'-'1(,' 3.' 305' ;..31.352# :3' 305' <.E9' (EE5(72'3.'45' (1' :1:2:(,,9'<.775<3' .15$ >0575I57'3' <(65';7.6#

+,' < %0' A)+ %./' # /,

1'30'2'<(:25'.;'!,';5' (18' 85(30$ 305'Q:79=2' E(73' '2' '1' 5;;5<3' 8'2K' LQ'(7-58'Q ;.7' (;357' (';7(1?' (18' ;.76(,'<.1;522'.1$ 305'7',(4.:7' '2' (3' (1' 518W 2.' 30(3' >0(3' 0(30' 4551' 2('8' 49' 7# 33.7159$ .7' 20(,,' 45' 2('8' 49' 6925,;$' '2' 7(3057'<.1I51'513' 30(1' 15<522(79#

9' .78' (1@:0(7$ 9.:7' ;(:,3' '2' -75(31' '3' <(11.3' 45' 5GJ 351:(358$ (18' '3' 1558!' 1.3' 45' (--7(I(358'I' (18' ';' '3' 155858$ 9.:' 0(I5' 6(85R2.';:,,' (1' (1(3.69'.;' '3'.:3'.;'9.:7'.>1';55,'1-$ (2' '3' <(11.3' 05' 6(3<058' 49' 6925,;$ .7' (19' 6(1'5,25$.:3' .;'<.1<5'3I' 2.' (2' 30(3' E(73'.;'(--7(I(3'.1' ',5(I5#

(9' 6.75$ 30'2' 07'23'(1' (18' E51'3513' <.:725'.;'9.:72'87(>2' 65'30:2';(7$ 30(3' ' >',' (-755' '1' 2.65'2.73'3.'5G351:(35' '3W ;.7' <573('1,9$ (2'5I51' '1' 5G3756 5'5I',2'30575' (75' 85-7552$ 2.' 30'2' E(7J 3'<:,(7' .;'9.:7' .;;51<5' '2' 2:<0$ (2' 30.:-0' '3' 45';.:,'2E',,'1-'.;' 4,..8$ 953' 30575' (75' 6.75';.:,W ;.7' ';'9.:' 0(8' 2.:-03'3.'3(?5' (>(9' (' 6(1=2',';5';.7'0'2' I'159(78$ (2' 0(4'8'8'I' .7';.7'5119$ (2' ('1'8'8'I' .7'3.'E.22522'0'2'458$ (2' (I'8'8'8'I' 2:75,9'305'6:7857' 0(8'4551'6.75'.8'.:2#

.:7'356E3('.1'>(2'75I51-5$ >0'<0'305'6.75'1(3:7(,''3'>(2' 3.'6(1$ 305' 6.75'0(I5',(>2'4.30'8'I'15'(18' 0:6(1'2.:-03'3.' 75E7522''3G # ' * % ' :3''1'.15'30'1-'9.:'(18' ' 20(,,' 15I57'(-755T' 30(3'-5157.:2'2E'7'32'A9.:'2(9D'(75'0(78'3.';.7-'I5'W 1.$ <.137(7'>'25$ -5157.:2' (18' 6(-1(1'6.:2' 6'182'(75' 75(8'523' 3.';.7-'I5$ (18''3''2'('>5(?1522'(18''6E.351<9'.;'6'18'3.'45':1J (4,5'3.';.7-'I5'T

.7E.7(' 6(-1(1'6.'2(3'2'523'E7.237(225',5.1'#

:3'0.>2.5I57'6:73057'6(9'(7'25';7.6'25I57(,'6.3'I52$,522'.7' 6.75'.8'.:2$ 953' 305',(>'4.30'.;' .8'(18'6(1''1I.,I52'3056'' 1' .15'85-755T' (18' 30575;.75'9.:' 6(9'75(8'30(3''1' .(4=2'<(25$ >0'<0'>(2'(' 6:73057':E.1'75I51-5$ (18' 6(3<0530'>'30'9.:7^' <(25T' 05';.7'(' 85(7'47.3057$ (18'9.:';.7'(' 85(7'E(73'.;'9.:7' .>1'4.89T' 953' 30575'>(2*'(' 25I575'<0(7-5'-'I51$ 30(3''3' 20.:,8' 1.3'45':1E:1'2058#

18'<573('1,9'305'<'7<:623(1<5'.;'3'65''2'05(I9':E.1'9.:'W

' (4# % ' (4# ' (4# 30 hMS *' K' (4#

25562 3 . 0(I5 0(8 '32 5;;5<3 : E . 1 305 4923(18572# 05 6 : 7857 . ;' (1 1-,'206 (1 49 (' <. 3<06 (1 ; . 7 2: <0 (' <(: 25 (18 '1 2: <0 (' > (9 >(2 1 . 3 '1 '325,.;' (1 (<3 3 . 6 . I5 296 E(309 '1 (' <7. > 8 . ;' 1-,'20 2E5<3(J 3 . 72# 53 305 ;55,'1-5G<'358 49 0'2 5G5<: 3' . 1 '2 2('8 3 . 0(I5 4551 E'39# 5 E,(958 305 2<515 0(182. 65,9 (18 4 . 30 (3 0'2 37'(,' (18 5G5<: 3' . 1 2 . 450(I58 0'6 25,;$ 2(92 0(6 457,('1$ N 30(3 05 6 . I58 6 : <0 <. 6 6 '257(3' . 1 (18'953 05'E7 . ;52258 0'6 25,;'(' . 6 '20 (30 . ,'<$ (18 8'58 752 . , : 35,9$ (18$ (2 '3 25558$ > '30 -75(3 756 . 725#P * 3 '2 1 . 3 E7 . 4(4,5 30(3 (19 E'39 >(2 ;5,3 ; . 7 5'3057 . ;' 305 <. 3<0 257 I (132 >0. 25 4(182 05 56E, . 958$ (18 >0. 2: ;;5758 '1 305 2(65 >(9# . 7 651 . ;' 305'7 7(1?' '3 >(2 (1 (<<'8513 <. 6 6 . 1 51. : -0# : 3 >051 (' 1 . 4,56 (1 '2 0(1-58$ 305 <. 137(23 453>51 305 ;5,'<'39 . ;' 305 ; . 73: 15 (18 305 '1;5,'<'39 . ;' 305 ; (35 237'?52 305 <. 6 6 . 1 6 '18 (2 2. 6530'1-237(1-5 (18 ,(6513(4,5#

05 6 (77'(-5 . ;' 305 (89 7(45,,(' 3: (73 >'30] ',,'(6 596 . : 7 >(2 1 . 3 (' 6 (3357 : E . 1 >0'<0 (<. 1 >(2 5157$ 2. ;(7 (2 ' ?1. >$ <(,,58 : E . 1 ; . 7 . E'1'1 . 1 . 7 (8I'<5# 05 . 1,9 5G3(13 >7'3'1-' . ;' 0'2 >0'<0 <. 115<32 0'6 >'30 305 <(25 '2 (' <0(7-5 (-('123 305 . : 13522 . ;' 075>24: 79 ; . 7 <. 1356 E3 '1 75;: 2'1-' ; . (12>57 @: 523'. 12 E: 3 3 . 057 49 305 . : 1<',' '1 75;5751<5 3 . ' 3 (18 30. : -0 0'2 (7-: 6513 75@: '758 (' 75<(E'3:,(3' . 1 . ;' 305 <'7<: 623(1<52$ '3 '2 3 . 45 (<<5E358 (2 305 (7J -: 6513 . ;' (1 (8I . <(35 2E5(?'1-' ; . 7 0'2 <,'513$ 7(3057 30(1 30(3 . ;' (' <. : 1<',,. 7 -'I'1-' (8I'<5# . 3 30(3 ' 2: EE . 25 05 >. : ,8 0(I5 3 . ,8 (' 8';;5751 3 23. 79 '1 (1 . 3057 E,(<5 4 : 3 30(3 305 E572. 1(,' . E'1'. 12 . ;' (' <7. >1 ,(>957 (2 3 . ' E7. <558'1-2 . ;' 305 7. >1$ (75 1 . 3 3 . ' 45 '1;57758 ;7. 6 0'2 E7. ;522'. 1(,' (7-: 65132 '1 85;51<5 . ;' 3056#

(89 7(45,,(' 3: (73 0(8 305 6 '2;. 73: 15 3 . 0(I5 2 . 6 : <0 7. 9(, 4,. . 8 '1 057$ 30(3 ';' 205 6 (77'58 (' 0: 24(18 >'30 (1 5@: (,' 20(75 . ;' '3 (' 2. 1 . ;' 0572 6 '-03 45<. 65 (' E75351857 3 . ' 305 <7. >1# 0. : -0 30575 '2 1 . 75(2. 1 3 . ' 2: EE. 25 30(3 205 0(8 (19 2: <0 (64'3'. 1$ 305 6 . 857(3' . 1 . ;' 057 . >1 852'752 >(2 1 . ' 25<: 7'39 (-('123 >0(3 6 '-03 0(EE51# 05 <. : ,8 1 . 3 (12>57 ; . 7$ 305 852'752 . ;' (' 0: 24(18 . 7 (' 2. 1# 05 >(72 . ;' 305 . 252 >575 3 . . ' ;7520 '1 656. 79 3 . ' 0(I5 , . 23 305'7 I(,: 5 (2 (' >(71'1-# ' 8'2E: 3(4,5 2: <<522'. 1 >(2 23',,' 305 3577. 7 . ;' 1-,'20 23(3526 51 (18 >5 6 : 23 1 . 3 45 2: 7E7'258 ';' 305 2513'6513(,' 2: ;;57'1-2 . ;' 3>. ' , . I572 A'1;'1'35,9 6 . 75 '1357523J '1-' 30. : -0 3059 45 3 . (E' . 8571 75(857 25566 58 3 . ' 3056 ' : 1'6 E. 73(13 '1 <. 6 E(7'2. 1# 0(3 057 6(77'(-5 <. : ,8 1 . 3 45 (,3. -53057 057 . >1 4: 2'1522$ >(2 (' 6 '2;. 73: 15 4 : 3 . 15 >0'<0 <(65 49 305 1(3: 75 . ;

30755' 6 .1302$ I'18'<(358' '32' 7'-03' (18' <(77'58' 305' 8(9# 059' >575' 6 (77'58' 3.' 5(<0' .3057' (4. :3' 305' 518' .;' ,(9' /B/ $ (18' '1' 305' 45-'1J 1'1-' .;' :,9' 305' '1-' 05(78' .;' 305'7' 6 (77'(-5# ;' 305' E.,'3'<(,' .4J Q5<3'.1' 3.' 305' (,,'(1<5' 0(8' (19' >5'-03$ '3' >(2' 1.3' ,'-035158' 49' 305' 6 (1157' '1' >0'<0' '3' 0(8' 4551' 47. : -03' (4. :3'1' 1.7' >(2' '3' 953' 3.' ,(35' 3.' E75I513' 3''5' <.125@:51<52$ '1' >0'<0' (,.15' 305' 8(1-57' >0'<0' >(2' 305'-7. :18' .;'305' .4Q5<3'.1',(9# 0. : -0'3059'<. :,8' 1.3' 45' E75I51358' ;7.6' 45'1-' 6(1' (18' >';5$ 3059' 6'-03' 45' E75I51358' ;7.6' 0(I'1-' <0',8751# 596 .:7' >(2' (<<.78'1-,9'<. 6 6'3358' 3.' 305' .>57$ (18' 7(45,,(' 3.' <:23.89' (3' (6 4530\ (18' >051' '3' >(2' ;. :18' 30(3' 205' >(2'?55E'1-' :E' (' <.7752E.1851<5' >'30' 057' 0:24(18$ '3' >(2' 85357 6 '158' 3.' 756 .I5' 057' 3.' :70(6# 05' <:23.89' '1' 4.30' <(252' 6 :23' 0(I5' 4551' 2:; <'513,9',(G1' ;.7' >0',5\ 205' >(2' .1' 057' >(9' A49' I579' 2,.>' 23(-52' '1' <.12'857(3'.1' .;'(,,5-58' 4.8',9' >5(?1522D' 3.' 057' 15>' 8523'J 1(3'.1$ 205' <.137'I58$ >'30' 305' 05,E' .;' 057' (:13' 305' .:13522' .;' 075>24:79$ 3.' (77(1-5' >'30' 057' 0:24(18' (' E,(1' .;' 52<(E5$.;' 6553J '1-$ (18' .;' 3(?'1-' 20'E' 3.-53057' ;.7' 305' .13'1513' (' E,(1' >0'<0' >(2' 5G5<:358' 2:<<522;:,,9$ (2' ;(7' (2' 305' 52<(E5' >513' (18' >(2' .1,9' E75I51358' 49' (1' (<<'8513' ;7.6' 2:<<558'1-' (,3.-53057# 059' 4.30' 52<(E58' ;7.6' <:23.89' (3' 305' 2(65' 3'65$$ (18' 4.30' 2(',58' ;7.6' 305' 2(65' E,(<5' 30. : -0' 05' 0(8' 3.' -.' '1' (' 8';;57513' 20'E# :3' 30'2$ 30. : -0' (' 8'2(EE.'1366513$ >(2'75(,,9' (' E'5<5' .;' -. .8' ;.73:15'1' ;.7' 305' 20'E' '1' >0'<0' ' 2(',58' >(2' E:72:58' (18' <(: -03$ >0',5' 0'2' ,(1858' 0'6' 2(;5,9' (3' 23518#

;' 305' 6 (77'58' E('7' >. :,8' 0(I5' 4551' 8(1-57. :2$,'I'1-' (3' 305' 1-,'20' .:73' '1' ,.9(,39' (18' ;(I. :7$ '3' >(2' E,('1' 3059' >. :,8' 45' '1J ;'1'35,9' 6.75' 8(1-57. :2',' I'1-' (47. (8' (2' 5G',52' (18' ;: -'3' I52 \ -:5232' .;'(,'51' (18' 7'I(,' E.>572$ (18' .:3' .;' 0:6 .:7' >'30' 305'7' .>1' -. I571J 6513# 7(45,,(' 45'1-' 75<(E3:758' 30575;.75$ '3' 2556 58' 6.75' 15<52J 2(79' 30(1' 5157' 3.' E75I513' 057' ;7.6' 52<(E'1-' (-('1' (18' Q.'1'1-' 057' 0:24(18' 459.18' 305' 25($ (18' 205' >(2' ,.8-58' '1' 305' .>57' ;.7' 25<:7'39#

05' (3356 E3' 3.' 52<(E5' >(2' (<<.:1358' (' -75(3' .;;51<5$ (18' 305' .:13522' .;' 075>24:79$ >0.' 0(8' 2.6530'1-' 3.' 8.' >'30' '3$ >(2' 47. : -03' 45;.75' 305' .:1<',' (18' '13577. -(358# 5;:2'1-' 3.' (12>57$ 205' >(2' 05725,;' <. 6 6'3358' 3.' 305' .>57' 1' >0575' 205' <.13'1:58' '15GJ .7(4,5' (18' '1I'1<'4,5# 3' >(2' '1' :15' /B//' 30(3'2 5' >(2' ;'71',.8-58' 30575# 1'305' / 30' .;' 547:(79' .,,. >'1-' >5',5(71';7.6' 0(6457,('1' 30(3' 205' >(2' 23',,' (' E7'2.157$ N' 7(3057' A05' (882D' :E.1' >',;:,1522' 30(1' :E.1' (19' -75(3' 6(3357' 205' '2' <0(7-58' >'30(,$ .1,9' 305' '1-' '2' 752.J ,:35' 30(3' 205' 20(,,' (12>57' 3.' <573('1''13577. -(3.7'52$ (18' 205' (2' .4K 3'1(35' 3.' 6(?5' 1.15$ 1.7' 3.' 45' 5G(6'158#P ! 1'305' F 30' .;' :15'

/B/ ' (1.3057 (3356E3 >(2 6(853.' 4518 0578 >'30 1.' 453357 2:<<522# 05 >(2 <(,,58 A 0(6457,('1 >7'352 .1 305 18 .;' :,9D N 45;.75 305 .:1<',(18 :8-52 .1 :528(9 (3 305 .78 0(1<5,,.7=2 >0575 49 305 33.7159 (18 .,'<'3.7 (18 49 (,,305 .782 (18 :8-52 057 <.1J 356E3 3.>(782 305 '1-' (18 30(3 3(4,5 >(2 ,('8 .E51$ (18 6:<0 (--7(I(358;.7057 75;:2'1-'3.' (12>57$ (18 2<.71;:,' >.782 :258 3.>(782 2.65 (3 057 ;'723 <.1I513'1-$ (18 057 E572'23'1-' 23',,' '1 305 2(65 <.:725 >0'<0 5G(6E,5 6'-03 E7.I5 .;' 8(1-57.:2 <.125@:51<5# .' (,,' >0'<0 205 75E,'58 1.30'1-' 4:3 305 E7'I',5-5 .;' 057 E572.1 (18 1.J 4','39$ (18 (7(20 I.>' >0'<0 205 <.:,8 1.3 I'.,(35#] 0575:E.1 205 >(2 2513 4(<?3.' 305 .>57 (18 30'2 E7.<558'1-' '2 30.:-03 3.' 45 (' E75(64,5$ ';'K205 8.' 1.3 75<,('6 05725,;$ 3.' (' <512:75 '1 305 3(7K <0(6457#P!

' 2E55<0 5I'8513,9 6(85 ;.7 30'2 .<<(2'.1 '2 E7'1358 '1 305 (4(,($ AE# FBLD (18 30.:-0 305 1(65 .;' 305 #2E5(?57 '2 1.3 6513'.158$ ' 2:EE.25 51579 4.89 >',,' (-755 >'30 ,,.4573 35E0512 30(3 (<.1 6:23 0(I5 4551 305 (:30.7# ' 0(I5 1.3 653 >'30 (19 6(1:2<7'E3 .;' '3$ .7 (19 '185E51851 <.E9#

+ % ,' / ' +,') ,//' $' +%, /)%

:(./' (/3,'+8,' 3(' (-,$/=$ &'$ 1%&./$ ()' &'+,' 2'%/6$

0 %30 ()' '/$C,-./0;'%*%30 C+,$;'%13 &'%& (.6'& &(' F1(C C'%& 3.&0 /$E.+/$&';' +,' 2'%/6$3 &(' '%=$ /$).,$3;'%13 &(' '%=$ 8$/7 ,+,&$3 +1' /$).,%*;' &(' %1,C$/'%13 &(' -$ $@%4+1$3 +1'%' +6''2%.,$ ()' ,&%&$;' -$+16 $@%4+1$3 -0 &'$ 2(.12+*A&%-*$;' C'+2''+,' %/$8/$7 ,$1&%&+=$ -(30 ()' &'$ +16

'$ 1%&./$ ()' &'$ 2%.,$ .8(1' C'+2'' ,'$ C%,' $@%4+1$3 +,' %1' $,,$1&+%* 8(+1&;' C'+2'' 3(&'' %66/%=%&$ %13 +12/$%,$ &'+,' 2(1&$4 8& %13 8/$,.48&+(1' %13 &'$/$)(/$ ()' 1$2$,,+&0 C+&'' &'%& C$ 4.,& -$6+1

(C 6/%2+(.,*0 %13 8%/$1&A*+F$ '+,' %D$,&0 .,$3 &'$ %30 /%-$**%' -$)(/$,'$ 6%=$ '+4 2%.,$ ()' +13+61%&+(1;' &'$ C(/*3 F.(C$&'

0 %30;' 1(&C+&',&%13+16;' $@&/$4$*0 +**A%3=+,$3;' &/%1,%2&$3 &'$ 4(,& C$+6'&0 %13 -+13+16 8%/& %13 %2&+(1' ()' $/' *+)$;' C'+2'' +,' '$/' 4%//+%6$;' C+&'(.& %2E.%+1&+16 '+,' %D$,&0 C'+2'' '%3 -$$1' %' 1$6*$2& $=$1' &(' %' 4$%1' 8%/$1& .& -$+16 &(' (./' (=$7 /$+61;' %13 ,'$,&%13+16 ,(' 1$%/' &(' '+,' %D$,&0 %,' ,'$ 3(&';' %13 &'$1' 2'((,+16 ,.2'' %' 2(13+&+(1' %,' +& 8*$%,$3 '$/' &(' <0..25$ %** 8%/&,X *%+3 &(6$&'$/;' '(C 3%16$/(.,'+& C%,;' !10 %30 4+6'& '%=$

' # ,'8 # .;' (6.2 #$'# E$ / # (4K

(1$ &'+16 %, %8/+,(1$/J)(/ '$)(/2$3 .8(1 '+4 %8/(4+,$&(/$,&(/$&'$ %/* () .))(*F&'%& C%,)*$3+1&(*%13$/,G %13 0$& &'+, 1(&$ C%,+1&'$,& 0$%/ ()'+,/$+61,C'$1&'$ +16 '%3 %6((3*0 /+12$ %& 4%15, $,&%&$;N$,+3$, '+,3%.6'&$/,, 1%0 %13 &'$C'(*$*+1$() *%/12 1$%/$/+1&+&*$G)(/&'%& %/*() .))(*F C%,3$,2$13$3()% ,+,&$/() 3C%/3&'$)(./&'J,()%/())3+3 &'%& +16&%F$ '+,%+4

(&'+,%2&+(1 (), (3$$8 2(1,$E.$12$,+& %88$%/$&'0(.!40 %30() '/$C,-./0 C$/$8/+=0,1(&.8(1)(/$+61,..,8+2+(1,(/ ,&/%+1$3+1)$/$12$,, -.&.8(1=$'$4$1&8/$,.48&+(1,,1(C 2*$%/ %13 8%/&+2.*%/&$,&+4(10,%,'%&'-$$1(8$1$3&('0(.G ,(%,&'$ +16 '%3 1(&(1*0 /$%,(1&(' $@%4+1$0(.8(1+&,-.&&(' '%=$ 8/(2$$3$3 C+&'0(.8(1+& %,)(/%6/$%& 2(1&$48&G C'+2''+)'+& -$ /$,$/=$3)(/&'$ 8/$,$1&,0(./ %30,'+8+,'&(.13$/,&%13+& %/+6'&,&'%& +& +,'1(& 3$)$2& ()'8/((),-.&%-.13%12$ ()'6/%2$&'%& +,'&'$ 2%.,$ ()'&'+,'8/(2$$3+16 13 0(./ %30,'+8, '%** 3('C$** &(',$$+1&('C'%& 3%16$/0(.'%=$-/(.6'& 0(./,$*) ** ())$12$,2(1,+,& ()'&'$)%2& C'+2''+,(8$1,%13&'$+1&$1& C'+2''+,,$2/$&G &'+,)%2& ()'2(1,8+/+16+1&'$)*+6'& ()'&'+, %30 4%0-$%/% '%/3$/N %13 6$1&*$/2(1,&/.2&+(1G +) .8(1(=$/4.2'' %))$2&+(1&(' 0(./ F+1,C(4%1,6$1&*$/G +) .8(1 8/%2&+2$ (/(&'$/$13,'%/3$/G 0(. 4.,& &%F$ '$$3 '(C 0(.'$1&$/+1&(',.2''%2&+(1,G C'$/$()'+)'&'$ '+33$1 8%/& -$ 3/%C1 .1&(' &'%& C'+2''+,(8$1,+& 4%0-$0(./ (=$/&'/(CG C'+2'' ,8$%F 1(& -0 C%0 ()'2'%/6$,-.& -0 C%0 ()' 2%.&+(1

(/&'%& C'+2''0(.'%/$8/(8$/*0 2'%/6$3 C+&',0(.'4.,& F1(C &'%& %**,..-D$2&,, C+&'(.& 3+,&+12&+(1 ()'3$6/$$,, (C$&(' &'$ +16 &/+-.&$ %13 ,$/=+2$,1(& (1*0 ()'&'$+/ 3$$3 %13 '%13,-.& ()'&'$+/ F1(C*$36$ %13 3+,2(=$/0

)'&'$/$ -$ %10 &'+16 &'%& +48(/&,'&'$ +165, ,$/=+2$,&'$0 (.6'&'$4,$*=$,.13$4%13$3 &('+48%/& +&G 4.2'' 4(/$,+)'&'$0 -$ 2%**$3 %13 $@%4+1$3, C'$&'$/ +& -$ ()'&'$+/ (C1)%2& (/ ()' %1(&'$/5,, &'$0 (.6'& &(' 4%F$ 3+/$2& %1,C$/J 1$+&'$/ C%,&'$/$ $=$/ %10,.-D$2& -/(.6'& +1X 2%.,$,' ()'$,&%&$ &(' &/+%** D.3+2+%*,-.&)++5,& '$ 8%,,$3 $@%4+1%&+(1G)(/ $@%4+1%&+(1 +,'&'$ $1&/%12$ ()' D.,&+2$ +1 2/+4+1%** 2%.,$,G +& +,' (1 ()'&'$ 0,' ()'&'$ +165, 8(*+&+2 -(30G &'$/$ %/$ -.& &C(,+1)(/4%&+(1 %13 $@%4+1%&+(1G +& 4%0 1(& -$ $13./$3&'%& (1 ()'&'$ *+6'&,-$ 8.& (.& -0 0(./ $@%48*$

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/B/ #))/ ’ K ’

+ ,’ E75,’ 6 ’127’52’ . ;’305’ 6 (77’(-5’ . ;’305’ 7’1<522’ ,’M(4530’0(8’4551’ ;’1(,,9’(77(1-58$’(18’305’<. 137(<3’2’-158$’1’ (9’/B/ ##’ 1’ 5E356J 457$’305’9. :1-’ ,5<3. 7’ (,(3’15’>(2’5GE5<358’3.’<. 65’ ; . 7’0’2’ >’;5#

9’(1<’513’ <:23. 6$’>0’<0’0(8’-7. >1’ ’13.’ ,(>$’30575’>(2’815’3.’ 305’ ’1-$’:E. 1’305’6(77’(-5’ . ;’0’2’5,8523’8(:-0357$’(1’N’ ’8’P’ ;7. 6’ 0’2’2:4Q5<32# 18’30’2’ >(2’1. >’3.’45’,5I’58# 051’(’2’6’,(7’ ’8’ >(2’<(,,58’ ; . 7’3>.’95(72’45;. 75’ . 1’ . <<(2’. 1’ . ;’305’ 7’1<5’45’1-’6(85’ (’ 1’-03$’ (,’24:79’45’1-’3051’305’2:E7565’6(1(-57’ . ;’ (;’(’72$’305’ ,(>957=2’>. 7?’ ’1’E75E(7’1-’<. 6 6’22’. 12’ (18’ ’1237:<3’. 12’>. :,8’1(J 3:7(,,9’45’,(’8’:E. 1’305’ 33. 7159’ 5157(,$’>0.’>(2’ (,’24179=2’. >1’ 6(1# :3’1. >’30(3’305’7523’ . ;’305’ . :1<’,’>575’,5;3’3.’-53’305’7’ >. 7?’8. 15’(2’>5,,’(2’3059’<. :,8’1’305’7’. >1’>(9$’3’2556 2’30(3’3059’ ; . :18’305’ . ,’<’3. 7’ (’ 6. 75’ 5;;5<3’I5’ ’1237:6513# . 730(6E3. 1$’ >0. 25’E. 2’3’. 1’ -(I5’0’6’305’,5(8$’0(8’1. 3’0’30573.’20. >1’(19’E(7J 3’(,’39’ ; . 7’ (<. 1$’4:3’’3’>(2’15<522(79’3.’ ;’18’2. 65’. 15’>0.’<. :,8’45’ 37:2358’ ; . 7’852E(3<0’ . ;’4:2’1522$’(18’05’<. 1<:7758’>’30’305’752 3’’1’ E:33’1-’30’2’4:2’1522’ ’13.’ (<. 1=2’0(182# 518’1-’3.’ . <052357’ A>0.’ ’E752:65’>(2’>’30’305’ ’1-0’(’75E. 73’ . ;’ . :1<’,’4:2’1522$’ (EE(7513,9’. 1’305’F78’ . ;’ :-:23$’05’>7’352 \

N’ 7# . ,’<’3. 7’30’2’8(9’>(2’75(89’3.’0(I5’’1; . 7658’305’4. (78’3. :<0’1-’ 0’2’ . >1’’18:2379’(18’<(75’’1’87(>’1-’305’6(3357’ . ;’305’ ’8’ ; . 7’305’6(7J 7’(-5’ . ;’ 057’ 7(<5$’(18’305’<’7<:623(1<52’30(3’45,. 1-’3.’’3$\30(3’’2# . 66’22’. 12$’1237:<3’. 12$’(18’ 533572$\’1’2. 65’45335 7’; . 76’(18’6530. 8’ 30(1’>(2’:258’(3’305’<75(3’. 1’ . ;’305’ 7’1<5# . 7’305’; . 76’,5-(,$’’1’75J 2E5<3’ . ;’6(19’4:78512’>0’<0’’3’47’1-2$’45’1-’87(>1’’13.’(’45335 7’; . 76’ :E. 1’305’ ’1-=2’(86’33(1<5’; . 7’305’2:4Q5<3=2’5(25’30(3’15’3057’0’2’523(35’ 45’7’;,58’1. 7’5G5<:3’. 12’’1’30’2’?’18’,5;3’(2’75<. 782’3.’;:3:75’3’652’>’30’ 05(I9’>5’-032$’,5;3’2. 65’30’1-2’<7:85’>0’<0’(75’0. >’8’-52358’(18’87(>1’ 4. 30’’13.’<. :725’(18’:25’6. 75’. 7857,9# 05’ . :1<’,’4. (78’>(2’I579’>5(7’ 30’2’8(9’’1’1:6457’# # # (18’30575;. 75’305’<(:25’<7(I’1-’(’6. 75’<. 6E,535’ (:8’51<5$’30(3’5I579’. 15’6(9’(88’. 7’(,357’>0575’05’;’182’Q:23’<(:25$’’3’’2’ E:3’. ;’;’3’,,’ 7’8(9’15G3#]*

* # # . 6# (652’ #$’I. ,# GG# 1. # B#

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18 (- ('1 . 1 305 30 \

N 05 6 (3357 . ;'305 K'8 A; . 7'305 6 (3<0'1 - ' . ;'305 4523 (18 6 . 23 I '73 : . : 2 9 . : 1 - ' (89 30 (3 2'1<5 305 . 1@ : 523 #0 (30 4551 2513 ;7. 6 051<5 0 (I '1 - ' 4551 8 '2<. 13'1 : 58 5157 2'1<5 305 3'6 5 . ; 5179 C$;(,,2 : E . 1 (' @ : 523 '. 1 > 053057 '3 45 3 . ' 45 ,5I '58 6 . 75 '< . 1I51 '513,9 A4 . 30 '; . 7 305 7'1<5 (18 : 4J Q5<3 (<<. 78 '1 - ' 3 . ' 305 ,5 - (, ' ; . 76 $ > 0 '<0 7 ';,52 (18 75I5(,2 523(352 > '30 . : 3 (19 - 75(357 4515;'3 3 . 305 '1 - $ (18 2 . ' - (,,2 > '30 (<7'6 . 19$. 7 49 < . 6 J 6 '22 '. 1$ > 0 '<0 '1 2 . 6 5 752E5<32 3 . ' 45 5GE752258 (3 6 . 75 ,51 - 30 '2 45 3357 ; . 7 305 '1 - ' (18 305 2 : 4Q5<3$ (18 <. 6 52 > '30 2(3'2;(<3 . 1 (18 5(2'1522$ > 0575 . ; 305 ,(35 5GE57'51<5 . ;'30 (3 ; . 7 305 7'1<5 - 'I52 (' E75<58513#

N . 7 305 45 3357 ;'33'1 - . ;'30 '2 257I '<5 3 . '3 6 5'E752513$ 6 9 # 0(1<5,,. 7$ (2 (' . 78 E(7(6 . : 13 '1 0 '2 . > 1 5,56 513 . ; ,(> $ (18 7# . ,'<'3 . 7 (2 ('E572 . 1 'I579 '(E3 '1 '30 (3 ;(<: ,39 '4 . 30 '3 . '(EE750518 '(18 '(88$ 0(I5 '(<@ : ('1358 305 . 782 9523578 (9 > '30 30 (3 <. : 725 '(18 ; . 76 ' > 0 '<0 4 . 30 3059 49 305 '7 7 : ,52 '(18 305 . 782 49 305 '7 75(2. 12 8 '8 4523 (EE7. I5 'I (' 47 '5 ;'(4237(<3 . ;' > 0 '<0 '30 . : - 03 ' - . . 8 3 . ' E752513 3 . '9 . : 7 . 7820 'E$P 53<'*

05 752 : ,3 . ; 305 85,'457(3' . 1 > (2 (' ; . 76 (, ' ,53357 3 . ' (<. 1 ;7. 6 305 . 782 . ; 305 . : 1<',$ 75@ : '7'1 - 0'6 3 . ' E75E(75 ; . 7 305K '1 - =2 2' - 1(3 : 75 <. 6 6 '22' . 12 ; . 7 305 ,5I9'1 - . ; 305 '8$ N (18 (,2 . ' 3 . ' 87(> 2 : <0 1237 : <3' . 12 ; . 7 305 45 3357 8'75<3' . 1 . ; 305 . 6 6 '22' . 1572 0575'1' (2 3 . ' 0'2 > '28. 6 ' 20 . : ,8 2556 4523#^

0525 1237 : <3' . 12 30575; . 75 6 : 23 45 75 - (7858 (2 2 . '1534' : - 6 . 75 30(1 (' E'5<5 . ; . 78'1(79 7 . : 3'15 > . 7?# 05x= >575 345 > . 7?' . ; (<. 1 4 . 30 '1 2 : - - 523' . 1 (18 5G5<: 3' . 1$ (18 0(8 75;5751<5 3 . ' 6 (3J 3572 >0'<0 '1 305 <7'3'<(,' 75,(3' . 1 1 . > 2 : 42'23'1 - ' 453 > 551 '305 '1 - ' (18 305 E5 . E,5 >575 4 . 30 85,'<(35 (18 8';' <:,3# . 73 : 1(35,9 305 .<<(2' . 1 > (2 (' E . E',,(7 . 15 ; . 7 305 ,5<3 . 7 > (2 (' 7 . 3523(13 (18 305 (89 ,'M(4530 > (2 (' ; (I . : 7'35 > '30 305 E5 . E,5# : 3 305 6 (3357 > (2 3(G(3' . 1$ >0'<0 '2 I5G(3' . : 2 3 . ' (1 1 - ,'206 (1 5151 >051 '6 J E . 258 > '30 0'2 . >1 <. 12513 6 : <0 6 . 75 >051 '3 <. 652 : E . 1 0'6 . : 3 . ; . 78'1(79 <. : 725 (18 '1 305 1(65 . ; (' ; 5 : 8(, E7'I ',5 - 5#

05 6 (1 : 2<7'E3 '1 >0'<0 ' ;'18 305 ,53357 ,(23 @ : . 358 '2 513'3,58 N (' 75,(3' . 1 0 . > 305 4 : 2'1522 E(2258 ; . 7 305 ,5I9'1 - ' (18 <. ,,5<3'1 - ' 305 ('8 3 . ' 0'2 (Q5239=2 : 25 ; . 7 305 6 (77'(-5 . ; 305 (89 ,'M(4530=2 -7(<5$ 0'2 5,8523 8(: - 03057 3 . -53057 > '30 <. E'52 . ; (,, 345 . 6 6 '2J 2' . 12 (18 '1237 : <3' . 12 <. 1<571'1 - 305 2(6 5 8(358 305 H30 . ; (J 1 : (79 /B/ #P : 3 '3 '2 '6 E57;5<3 ' : ' '325,;$ (18 2556 2 6 . 75 ' 6 E57J ;5<3 30(1 '3 75(,,9 '2$ 305 205532 0(I'1 - ' 45<. 65 25E(7(358$ (18 4551 4 . : 18 : E '13 . ' 25E(7(35 I . ,: 652# 05 E . 73' . 1 . ; '3 0 . >5157 >0'<0 < . 13('12 305 , : 237 : <3' . 12 3 . ' 305 . 6 6 '22' . 1572 <0(7-58 > '30 305 8 : 39 . ; '< . ,,5<3'1 - ' 305 '8 (EE5(72 3 . ' 45 <. 6E,535#

x - ' 1(' > ' > 0 ' ' > ";)(' <

#/B/ #a ‘ ‘ (‘ ‘ # >

059‘ (75‘ 305‘ 1237:<3'.12‘ >0'<0‘ >575‘ 2513‘ ;.7‘ 305‘ '1-=2‘ 2'-1(J 3:75‘1‘ (18‘ >575‘ (<<.6E(1'58‘ >'30‘ 305‘ ;.,,.>'1-‘ ,53357‘ ;7.6‘ (<.1‘ 3.‘ 305‘ '1-#

3‘ 6(9‘ E,5(25‘ 9.:7‘ 6.23‘ 5G<5,,513‘ (*9#
0'2‘ 4',‘ <.13('1530‘ 305‘ ;.76‘ .;‘ 1237:<3'.12‘ 3.‘ 45‘ 2513‘ <,.>1‘ >'30‘ 305‘ <.66'22'.12‘ <.1<571'1-‘ 305‘ ('8‘ '13.‘ 5I579‘ <.:139# 18‘ '3‘ '2‘ 85I'258$\45<(:25‘ 9.:7‘ # 20.:,8‘ 1.3‘ 45‘ 37.:4,58‘ >'30‘ 2'-1'1-‘ 5I579‘E(73'<:,(7‘ '1237:<3'.1‘ (2‘ 9.:‘ >575‘ 305‘,(23‘ 3'65$\30(3‘ 9.:7‘ # 2'-1(3:75‘ 45‘ .1,9‘ 3.‘ 30'2‘ 87(;3$‘ (18‘ 305‘ 25I57(,‘ <.66'22'.12‘ 3.‘ 45‘ 2'-158‘ 49‘ 2'G‘ [.;‘ 9.:7‘ # 7'I9‘ .:1<',$ >0.‘ (75‘ (:30.7'258‘ ,'?5>'25‘ 30575:13.‘ 49‘ ,533572‘ :1857‘ 9.:7‘ # 2'-1(3:75 87(>1‘ (18‘ 75;.7658‘ '1‘ 8'I572‘ E(732‘ 49‘ 305‘ 2E5<'(,‘ 8'75<3'.1‘ .;‘ 305‘ .78‘ 0(1<5,,.7‘ (18‘ .78‘ 7'I9‘ 5(,$‘ (18‘ .30572‘ .;‘ 9.:7‘ '-01522=‘ 7'I9‘ .:1<',#

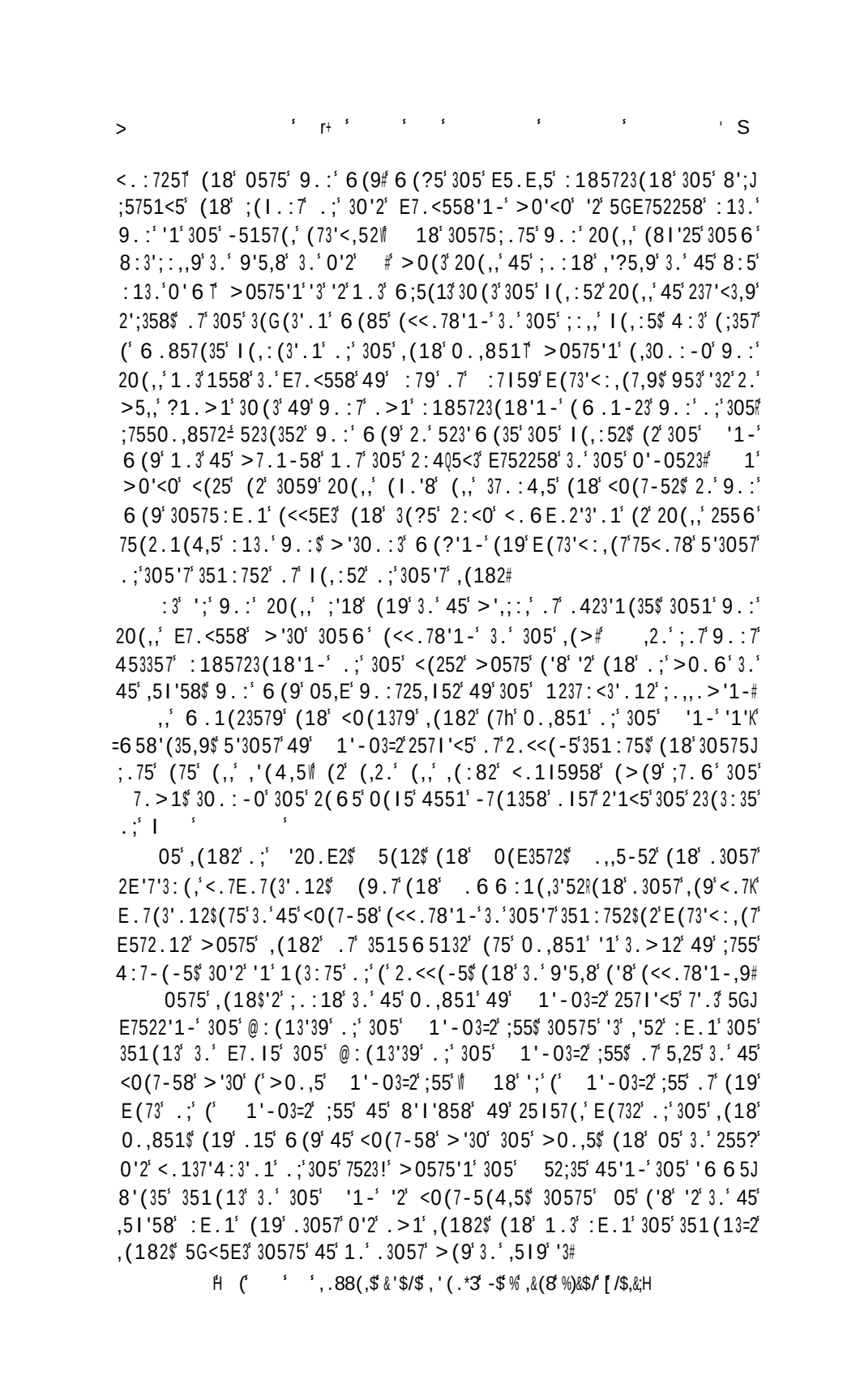
; : ‘ # P

05‘ <.E9‘ .;‘ 305‘ 1237:<3'.12‘ 30562 5,I52‘ 45-'12‘ (3‘ 305‘ 3.E‘ .;‘ (‘ E(-5$‘ (18‘ 0(2‘ 1.‘ 05(8'1-$ >0'<0‘ 6(?52‘ '3‘ E7.4(4,5‘ 30(3‘ 2.6530'1-‘ 0(2‘ 4551‘ ,.23# :3‘ 30.:-0‘ 3059‘ 6(9‘ 0(I5‘ 4551‘ '137.8:<58‘ 49‘ 2.65‘ E75(64,5$ 305‘ (73'<,52‘ (75‘ 5I'8513,9‘ <.6E,535# 05‘ 8(35‘ .;‘ 305‘ <.6J E.2'3'.1‘ >(2‘ E7.4(4,9‘ :-:23‘ /B/ #
T

R / %)# /‘ ‘ +,‘ // ,%/‘ * %‘ # ,# ‘ +,
0‘ ‘ +,‘ (%% ,‘ *‘ +,‘ % #,//‘ 2 c , + XK

'723$‘ 9.:‘ 20(,‘ :185723(18‘ 30(3‘ 305‘ 257I'<5‘ >0575'1‘ 9.:‘ 6(9‘ 85257I5‘ >5,,‘ 49‘ 9.:7‘ 8',‘-513‘ (18‘ 8'2<7553‘ 5G5<:3'.1‘ .;‘ 0'2‘ (J Q5239=2‘ <.66'22'.1‘ 7523530‘ -5157(,,9‘ :E.1‘ 3>.‘ E(732‘ 05‘ .15‘ 30(3‘ 305‘ '8‘ 6(9‘ '1‘ (‘ 75(2.1(4,5‘ 6(1157‘ 7'25‘ 4523‘ ;.7‘ 0'2‘ (J Q5239=2‘ E7.;'3‘ 305‘ .3057‘ A>0'<0‘ 0'2‘ (Q5239‘ 52355 6530‘ 1.‘ ,522D$‘ 30(3‘ '3‘ 6(9‘ 45‘ ,5I'58‘ >'30‘ (2‘ ,'33,5‘ 37.:4,5$‘ <0(7-5$‘ .7‘ 8'2<.13513‘ 3.‘ 305‘ <.:1379‘ (2‘ 6(9‘ 45# .7‘ 305‘ ;.7657‘ .;‘ 30525‘ 9.:‘ (75‘ 1.3‘ (,3.-53057‘ 3.‘ 45‘ ,58‘ 49‘ 305‘ E7.E.73'.1‘ .;‘ 30(3‘ >0'<0‘ >(2‘ 8.15‘ '1‘ 305‘ 7'1<5=2‘ '8‘ ;.7‘ ;'723‘ 0'2‘ (Q5239‘ 8'8‘ 3051‘ .4257I5‘ -75(3‘ 8';;5751<5‘ '1‘ 30(3‘ ('8‘ 453>551‘ 305‘ 257I'<5‘ 8.15‘ 49‘ 305‘ .66'2J 2'.1572‘ '1‘ 2.65‘ <.:137'52‘ (18‘ '1‘ 2.65‘ .30572‘ >057549‘ 0'2‘ # 1.>‘ 5GE55353‘ :E.1‘ 305‘ 25<.18‘ 37'(,‘ 30(3‘ 30.25‘ >0'<0‘ 8'8‘ >5,,‘ 3051‘ 20.:,8‘ <.13'1:5‘ 3.‘ 8.‘ >5,,‘ Y3',,$(18‘ 30.25>0'<0‘ 15-,5<358‘ 3051‘ 20.:,8‘ <.65‘ ;.7>(78‘ 3.‘ 8.‘ 453357‘ 5<.18,9$‘ 3‘ '2‘ 2.65>0(3‘ 3.‘ 45

(7,‘ # L $;.# /F 4# V 4'8# ‘ / #
*



A$ +; Q' 1 ' ' ' ' F L

;' (19' ,(182' 0.,851' '1' 2.<<(-5' .;' 305' '1-' 45',53' .:3';.7' (19' E(73'<:.,(7' 523(35' (3' (' ,.>' 7513$ 05' '1' 305' 75I572'.1' '2' 3.' 05'<0(7-58' (<<.78'1-' 3.' 305' I(,:5' .;=305',(18' (2''';'3' >575' '1' E.22522'.1$ (18' 305' ('8' 30575:E.1' (7'2'1-' 6(9' 45' 3(?51' .:3' .;' 0'2' 7513' .;' 30(3' ,(18' .7' .;' (19' .3057' 0'2',(18$ (18';.7'>(13' 30575.;' .:3' .;' 305',(18' '325,;' '1' 305' 0(182' .;' 305';(7657#

(:82' 30(3' (EE5(7' 3.' 0(I5' 4551' 05753.;.75' 0.,851' .;' (' 5215' >0.25' 05'72' (75' 1.3' (3' 30'2' 8(9' ?1.>1$ (75' 3.' 45' 3(G58' (2',(182' 0.,851' '6658'(35,9$ 5G<5E3' 305' 51(13'<(1'<573('1,9' (22'-1' 305' 05'7' .;' 305' 5215#

05' .66'22'.1572' (75' 3.' E75;'G' ;:73057' 25I57(,' 8(92' 3.' 305' b4,(1?' '1' #a' 3.' 47'1-' '1' 305'7' '1;.76(3'.12';.7' 305'7' E752513J 65132$ (18' 305' .66'22'.1' 3.' 45' (8Q.:7158' :13',' 305';'723' .;' 30.25' 8(92#

1' 305' 65(1' 3'65$ 453>551' 30(3' (18' 305' 8(9' .;' E75;'G'.1$ 305' ;5.8(79' (18#:7.72' 6(9' (-755' :E.1' .15' .7' 6.75'<573('1' 8(92' .;' 6553'1-2' 3.' 45' 05,8' (;357' 30(3' 305'Q:7.72' 0(I5' 3(?51'?1.>,58-5' .;' 305',(182' '1' 51579' :18758#' 3'>0'<0' 6553'1-2' 305' 5.8(79' (18' E(73'52'>0.6' '3' 20(,,' <.1<571' 6(9' '1;.76' 3056' .;' (1930'1-' E573'1513' 3.' 305' 2('8' 257I'<5' .7' 3.' 305'7' 2(3'2;(<3'.1''1'30(3' 450(,;#

3' 305' 8(9' .;' (8Q.:7165 513' 305' :7.72' (75' 3.' 85,'I57' '1' 305'7' 7565647(1<52' '1' E(E57$ >0'<0' (75' 3.' 45' E57:258' 49' 305' .6J 6'22'.1572' (2''1237:<3'.12' (18' 1.3' (2' E752513 6 5132#

18' ';' (19' 8';;5751<52' 0(EE51' <.1<571'1-' 351:752$ @:(13'3'52$ .7' I(,:52$ 3051' 305';5.8(79' .7' .3057' <.66'22'.1572' (75' 3.' '1;.76' 305' :7.72' 30575'1' 49' 75<.782' .7' .3057' E7..;2$ (18' 2.' 3.' E7.<558' 3.' E752513 6 513$ 5G<5E3' 3059' <(1'-7.>' 3.' <.6E.2'3'.1' (2' (;.752('8#

18' 45<(:25' 305';5.8('9' .;' 305' <.:139' 0(30' 305' 8(',9' :25' <(7J 7'(-5' (18' <:23.89' .;' 75<.782' (18' .3057' E7..;2' 30(3' (75' 3.' -'I5',-03' (18';:73057(1<5' 3.' 30'2' 257I'<5$ 30(3' 30575;.75' 05' 45' (,>(92' .15' (3' (,,' 2'33'1-2' <.1<571'1-' 305' 2('8' 257I'<5#

0(3' 305' 3(G(3'.12' (18' 7(352' 6(85' 49' <.6E.2'3'.1' 45' 51-7.2258' '13.' 3> .' .,,2' '1851358$ 513'3:,58# 05' .,;' .;' .6E.2'3'.12' 6(85' 49';.7<5' .;' 305' .66'22'.1';.7',5I9'1-' 305' '1-=2' (Q5239=2' ('8';.7' 305' 6(77'(-5' .;' 305' (89' ,'M(4530=2' -7(<5'0'2' # 5,8523 8(:-0357' '1' 305' .:139' .;KKKKKK# 18' 305' 2(65' 3.' 45' 2'-158 (18' 25(,58' 49' 305' .66'22'.1572' (18'<.,,5<3.7'1' 305' .15' E(73' 30575.;' 3.' 45' 85,'I5758' 3.' 305'<.,,5<3.7' (18' 305' .3057' E(73' ' 45' <573';'58' '13.' 305' G<05@:571' (18' 305' 3(G(3'.12' (18' 7(352';.:18' 49' 1@:'2'3'.1' .7' 253' 49' 305' .66'22'.1572' 3.' 45' (,2.' 51-7.2258

'13.' 3> .' .3057' .,,2' '1851358$' 503'3:,58' 305' .,,2' .;' 305' 2:62' ;.:18' 49' 1@:'2'3'.1' (18' 253' 49' 305' .66'22'.1572' 49';.7<5' .;' 305' .66'22'.1';.7',5I9'1-' 305' =2' =2' ('8';.7' 305' (77'(-5' .;' 305' (89' ,'M(4530=2' -7(<5' 305' =2' =2' 5,8523' 8(:-0357#

'%&',.2-'%,',' ,'%*' 1(&',%&+,)0' &'$'%+3' -$)(/$'&'$'/$&./1' ()' &'$' (44+,,+(1' -$'2$/&+)+$3'+1&('&'$' @2'$E.$/'%13'*$)&' &('&'$'8/(72$,,' ()'&'$' (./&;

0(3' 9.:' 305' .66'22'.1572' 3(?5' ?1.>,58-5' 30(3' '3' '2' 0'2' =2' E,5(2:75' 30(3' b4,(1?' '1' #a' .;' 9.:' 20(,,' ,5I9'.7'<.,,5<3' 3,'5' 6.1592';7.6' 3'65' 3.' 3'65'(7'2'1-' 49' 30'2' .66'22'.1$'(18' 30(3' 305' 7523' .;' 9.:' 305' .66'22'.1572' 45' 8'2<0(7-58' 30575.;$' (18' >',,' -'I5' .7857' 30(3' 9.:' 20(,,' 75<5'I5' 9.:7';:.,' 8'2<0(7-5' '1' 30(3' 450(,,' 49';:73057' .7857' .;' 0'2' .:73' .;' G<05@:57#

&' +,' '+,' 5,' 8*$%,./$'&'%&' 0(.')(/-$%/#'&(' 8/(2$$3' C+&''%10' &'$' (/3,',8+/+&.%*' (/' &$48(/%*' 2(12$/1+16' &'+,'%+3' $@2$8&' 0(.' /2+=$').&'$/' (/3$/')/(4' '+,' ')(/'&'%&' '+,' '+1&13&''&(' 6/%1&' %' ,8$2+%*' 2(44+,,+(1')(/'&'%&',$/=+2$;' %,' C%,' '$/$&()(/$' 3(1$'+1'&'$'%+3')(/'&'$' /+12$N

3' '2' 0'2' #;:73057' E,5(2:75' 30(3' 9.:','?5>'25';.745(7'3.' E7.J <558' 3.' 305' 5G5<:3'.1';'30'2' .66'22'.1';.7'(19'.;' 305',(182'.7' E.22522'.12'.;' 305' (23572$' (78512$' 7.I.232$' 7'1<'E(,2$' .J I571.72$';5,,.>2$'(18' 2<0.,(72'.;' 305' 1'I572'3'52'.;' G;.78'(18' (647'8-5'.7'.;'5'3057'.;'3056#

G]!# E57

2% ' #

0'2' N' ('8' P' 47.:-03' '13.' 305' G<05@:57' (4.:3' $ O# :3' (2' 305' 5G37(.78'1(79' 5GE51252'<.115<358'>'30' 305' 6(77'(-5'<.12'857(4,9' 5G<55858' 30(3' 2:6$' '3' 8'8'1.3' 05,E' 3.' 75<3';9' 305';'1(1<52'.7'758:<5' 305' 8543#

5;.75'<(,,'1-' (1.3057' (7,'(6513$' '3' 0(8' 4551' 752.,I58' 3.' 379' >053057' 49' 453357' 6(1(-56513'.;' 305' 7.>1'E7.E5739' 305' .78'1(79' 75<5'E32'<.:,8'1.3' 45' 47.:-03' 15(757' 3.' (1'5@:(,'39'>'30' 305' .78'1(79' 5GE518'3:75# ;' 305' E7.-7522'.;' 30(3' 51@:'79'>5',5(71'2.6530'1-' ;7.6' (',53357'.;' (<.1=2' 3.' 305' '1-$'8(358' 305' / 30'.;' 5E3564 57' /B/ $ >0'<0' '2' E75257I58' (6.1-' 0'2' .>1' E(E572' 1.>' (3' (64530$ 4:3' A305' 205532' 0(I'1-' 4551' 6'2E,(<58' (18' 305' <.115G'.1'1.3'.4K

* .E'52'.;' 305' 1237:<3'.12';.7',5I9'1-' 305' '8':E.1' 305' .782'2E'7'3:(,'(18' 356E.7(,$ (18':E.1' 305' .,,5-52' (18',305' .:252'.;' 305' 1'I572'39'.;' (647'8-5$ 45'2551''1' (K'*0V # H$;# C '4#

/B/ #a ‘ ‘ ‘ ‘ ‘ ‘ ‘ ‘ ‘ ‘ >

257I58D 0(2 0'30573.‘ 4551‘ 5G0'4'358‘ (2 3>.‘ ''1<. 6E,535‘ ,533572$ 305‘ ;'723‘ >(13'1-‘ 305‘ 45-'11'1-‘ (18‘ 305‘ 25<.18‘ >(13'1-‘ 305‘ 518$ '1235(8‘ .;‘ .15‘ <. 6E,535# 3‘ '2 7(3057 2'1-:,(7 30(3‘ '7<0$ >0.‘ ;'723 E7'1358‘ 3056‘ ;7. 6‘ 305‘ .7'-1(,2$!‘ 20.:,8‘ 1.3 0I(5‘ 8535<358‘ 30'2‘ 577.7$ 45<(:25‘ 05‘ 6:23 0(I5‘ 2551‘ (1.3057 E(E57 '1‘ 305‘ 2(65‘ I.,:65$!‘ >0'<0‘ 2533,52‘ 3,'5‘ @:523'.1#

.‘ 2 - S

3‘ 6(9‘ E,5(25‘ 9.:7 5G<5,,513 (Q5239$

‘ 0(I5‘ >'30‘ (,,‘ E.22'4,5‘ 8','-51<5$ 2'1<5‘ 9.:7 (Q5239=2 E7.J -7522$ (3351858‘ 305‘ 257I'<5‘ <. 6 6'3358‘ 3.‘ 305‘ 2:4K<. 6 6'22'.1572‘ 3.:<0'1-‘ 345‘ 75E('7 (18‘ '6E7.I56513 .;‘ 9.:7 (Q5239=2 6 5(12 (18‘ 30'2‘ ‘ 0(I5‘ 8.15‘ 1.3 .1,9‘ '1‘ 6553'1-‘ (18‘ <.1;5751<5‘ (18‘ 854(35‘ >'30‘ 305‘ 7523$ 4:3 (,2.‘ 49‘ 6 9‘ 25I57(,‘ (18‘ E7'I(35‘ 658'J 3(3'.1‘ (18‘ '1@:'79# .‘ 30(3 452'852 305‘ Q.'13 (<<.:13 >0'<0‘ >5‘ 20(,,‘ -'I5‘ 3.‘ 305‘ .782$ ‘ 0.E5‘ ‘ 20(,,‘ 45‘ (4,5‘ 3.‘ -'I5‘ 9.:7 (J Q5239‘ 2.65>0(3 4‘ ‘ .7 (2 1.‘ 6(1‘ ,.I530‘ 453357‘ %)‘ ‘ ‘ % ‘ 30(1‘ ‘ 8.$ 15'3057 (6‘ ‘ .;‘ 30.25‘ ;'15‘ .152‘ 30(3‘ :25‘ 3.‘ ?55E‘ 4(<?‘ (19‘ 30'1-‘ >0575'1‘ 3059‘ 30'1?‘ 3059‘ 6(9‘ >'1‘ <758'3 (E(73$ (18‘ 2.‘ 6(?5‘ 305‘ <.12:,3(3'.1‘ (,6.23 7 . 15I57305,522$ '1‘ <(25‘ >0575‘ 6(3357‘ 20(,,#;(,,‘ '1‘ :E.1‘ 305‘ 495$ E570(E2‘ .;‘ 1.‘ ,522 >.730‘ 30(1‘ 30(3‘ >0'<0‘ '2‘ 305‘ E7.E57 2:4Q5<3 .;‘ 305‘ <.12:,3(3'.1$ .7 >0575‘ ‘ ;'18‘ 30'1-2‘ E(2258‘ .I57 3..‘ 2,'-03,9$ .7 '1‘ <(25‘ >0575‘ 30(3‘ >0'<0‘ ‘ 20.:,8‘ (8I'25‘ '2 .;‘ 30(3 1(3:75‘ (2‘ ‘ 0.,8‘ '3‘ 1.3 ;'3 3.‘ 05‘ <.6 6:1'<(358‘ 3.‘ (,,‘ 30.25‘ >'30‘ >0.71‘ ‘ (6‘ Q.'158$ 30525‘ E(732‘ .;‘ 4:2'1522‘ ‘ E:3 3.‘ 6 9‘ E7'I(35‘ (<<.:13 1.3 45<(:25‘ ‘ >.:,8‘ 45‘ .;;'<'.:2 A30.:-0‘ ‘ E7.;522‘ ‘ >.:,8‘ 8.‘ >.7?2K.;‘ 2:E5757.-(3'.1‘ ';‘ ‘ <.:,8D$ 4:3‘ '1‘ (‘ 37:5‘ 8'2J <753'.1‘ (18‘ <(:3'.1# 18‘ 9.:7 (Q5239‘ 0(8‘ 2.65‘ 3(235‘ '1‘ 30.25‘ 1.352‘ >0'<0‘ ‘ -(I5‘ 9.:‘ ;.7 305‘ >(782$ A>0'<0‘ '3‘ E,5(258‘ 9.:‘ 3.‘ 2(9‘ >575‘ 1.‘ 37'<?2‘ 1.7 1.I5,3'52$ 4:3 37:5‘ E(22(-52‘ .;‘ 4:2'1522D 30(3 6'15‘ .>1‘ E(73'<:,(7 75656 47(1<52 (18‘ .4257I(3'.12 (75‘ 1.3 ,'?5‘ 3.‘ 45‘ :1E7.;'3(4,5# .1<571'1-‘ >0'<0‘ 1.352‘ ;.7 305‘ >(782$ 30.:-0‘ ‘ 6'-03 2(9‘ %‘ * ‘ ‘ * D ,‘ 953 ,53 30(3 E(22#

‘ 0(I5‘ (,2.‘ <.12'85758‘ ;:,,9‘ .;‘ 30(3‘ -75(3 E7.E.2'3'.1$ >0'<0‘ 9.:7 (Q5239‘ <. 6 6 51858‘ 3.‘ 69‘ <(75‘ (18‘ 23:89$ 3.:<0'1-‘ 305

R 533572$ 53<#$.;‘ 305‘ # 0# (<.1$ EE# F KFH#
[! '42.1=2 (E572$ I.,# I:'# ;.# H #
'4# (E#$ I. #I'''# ;.# L$ (18‘ ;.,# KH 'W 305‘ '(23 45'1-‘ 305‘ 87(;3W 4.30‘ '1‘ (<.1=2 .>1‘ 0(18‘ G 8.<?5358$ (,2.‘ '1‘ (<.1=2 0(18$ L‘ 0‘ ,53357 3.‘ 305‘ '1-$ 3.:<0'1-‘ 0'2 523(35‘ '1‘ -5157(,$ 5E356457 / 30$ / / #P

<.1I572'.1' .;' 9.:7' 75I51:5' .;',(18' '13.' (' 6:,3'E,'58' E752513K' 75J I51:5' .;' 7513†' >0575'1' q' 2(9$' ' 0(I5' <.12'85758' .;'305' 65(12' (18' <.:725' 3.' 45' 3(?51$' .;' 305' (22:7(1<5$' .;' 305' 7(352$' .;'305' 5GJ <5E3'.12$' (18' .;' 305' (7-:6 5132' ;.7' (18' (-('123' '3# .7' 30.:-0' 305' E7.Q5<3R'325,;' 45' (2' .,8' (2' ' <(1' 75656457$' (18' ;(,,530' :1857' 5I579' 6(1=2' <(E(<'39$' 953' 305' 8'2E:35' (18' 6(1(-5' .;' '3' (2?530' (' -75(3' 85(,' .;' <.12'857(3'.1' (18' Q:8-6513' E7.Q5<32' 45'1-',?5' #!2.E=2'3.1-:52$' 305' 4523' 65(3' (18' 305' >.723$' (2' 3059' (75' <0.25:' (18' 0(18,58# :3' 2:75,9$' D' % ' ' ,' %)' ' ' ' 4 ' ;' 30'2' (,2.' ' (6' 75(89' 3.' -'I5' 9.:7' (Q5239' (1' (<<.:13#

5157(,,9' :E.1' 30'2' 2:4Q5<3' .;' 305' 75E('7' .;' 9.:7' (Q5239=2' 65(12$' ' 45255<0' 9.:7' (Q5239' 3.' -'I5' 65',5(I5' 3.' 6(?5' 30'2' Q:8-6513†' 30(3' 9.:7' (Q5239=2' 75<.I579' 6:23' 45' 49' 305' 658'J <'152' .;' 305' (,51'232' (18' 7(4'(12$' (18' 1.3' .;' 305' 056'232' .7' (7(<5,2'(12# .7' '3' >',' 1.3' 45' >7.:-03' 49' (19' .15';'15' 5GJ 37(<3' .7' 237.1-' >(357$' 4:3' 49' (' 2?',;:,' <.6E.:18' .;' (' 1:6457' .;' '1-758'51132$' (18' 30.25' 49' Q:23' >5'-03' (18' E7.E.73'.1$' (18' 30(3' .;' 2.65' 2'6E,52' >0'<0' E570(E2' .;' 3056 25,I52' .7' '1' .I57K-75(3' @:(13'39' >575',' '33,5' 453357' 30(1' E.'2.12$' 4:3' 6'G58' (18' 47.?51' (18' '1' Q:23' @:(13'39' (75' ;:,' .;' I'73:5# 18' 25<.18,9$' 30(3' (2' 9.:7' (Q5239=2'-7.>'1-'454'18K0(18' 0(30' 4551' 305' >.7?' .;' 3'6 5†' 2.' 6:23' ,'?5>'25' 45' 9.:7' (Q5239=2' <.6'1-' ;.730' (18' 6(?'1-' 5151# .3' 4:3' ' >'20' '3' >575' 49' (,,' -..8' (18' ;'3' 65(12' (<<5,5J 7(358$' 4:3' 30(3' ' ;.75255' 30(3' ';' 9.:7' (Q5239' 20(,,' E7.E.:18' 3.' 9.:725,;' 3.' 8.' '3' ' ;' '3' <(1' 0(78,9' 45' >'30.:3' (<<'85132' .;' E75Q:8'<5' 3.' 9.:7' 0.1.:7$' 2(;539$' .7' E7.;'3#!

(23,9$' ' >',' 6(?5' 3>.' E7(9572' :13.' 9.:7' (Q5239$' (2' ' :25' 3.' 8.' 3.' .8' ,6'-039' >051' ' <.66518' 3.' 0'6' 0'2' .>1' -,.79' (18' <(:25†' 2.' ' >',' E7(9' 3.' 9.:7' (Q5239' ;.7' 9.:725,;#

05' .15]' '2$' 30(3' 30525' <.-'3(3'.12' .;' >(13' 8.' 1.3' (19' >(92' 37.:4,5' .7' I5G' 9.:7' =2' 6'18# ' 75656457' .252' 2('30' .;' 305' ,(18' .;' E7.6'25$' 0(3' '3' >(2' 1.3','?5' 305',(18' .;' -9E3' 30(3' >(2' >(35758' >'30' (' 7'I57$' 4:3' >(2' >(35758' >'30' 20.>572';7.6'05(I51† >057549' ' -(3057$' .8' E75;577530' 2.653'652':1<573('13'52' 45;.75' <573('13'52$' 45<(:25'!3059' 35(<0' (' 6.75' '6658'(35' 85E51851<5

[575'305';('7'<.E9$'>0'<0'0(2'45-:1'3.'-7.>',522';('7''1'305'<.:725'.;'305',(23' ;5>',''152$'5182''1'6'8KE(-5'>'3,'.:3'(19'6(7?'.;'518'1-# 05'87(;3$'.;'>0'<0' 305'45-'11'1-'>',' 45';.:18''1'305'2(65'I.,:65$';.# F $(18'305'518'(3';.# $-.52' .1'(2''1'305'&$@&,' E752:65'30(3' (<.1'6(85'%;7520'<.E9'.;'305'>0.,5'(18'2513 +&'&('&'$' +16

> "' + ' 1 ' ' ' ' ' ! ' 2

?1.>' 30525' 30'1-2' (75' . '0 ' ' ' 0:3' 3059' (75' '0 ' ' ' ' * g ' ' (22:75' 6925,;$' 9.:7' (Q5239' 3(?530' 1.3' 65' ;.7' .15' .;' (' 4:29' 1(3:751' ;.7' 69' 23(35' 45'1-' ;755' ;7.6' (,,' 8';;'<:,3'52$' (18' '0(I'1-' 2:<0' (',(7-5';'5,8' ;.7' <.1356E,(3'.12$' (2' '0(I5'E(73,9' (18'20(,,' 6:<0' 6.75'6(?5' 6(1';523'3.'9.:7' (Q5239' (18'305'>.7,8$'3.' .<<:E9'69'30.:-032$' 1.30'1-' <.:,8' 6(?5'65' (<3'I5'4:3',.I5' (18' (;;5<3'.1# .'E7(9J '1-' 69' .8'3.'4,522' (18';(I.:7'9.:7'E572.1' (18'523(35$' <#!

F#

;'305'NQ.'13' (<<.:13P' (,,:858'3.' '1' 305' ;'723'E(7(-7(EO' .;' 305' ,(23' ,53357' (2' (4.:3'3.' 05' -'I51' 49'305' 2:4K<.66'22'.1572'3.' 305' .782' .;' 305' .:1<',$' 30575' '2' (' 6(1:2<7'E3'<.E9' '1' 305' .33.1' <.,J ,5<3'.1# 18' 30.:-0' <.1<,:2'.12' '1' >0'<0' 25I57(,' 0(I5'3.' (-755' <(11.3'45' (22:658'3.'75E75251'3'305'E572.1(,'Q:8-651'3'.;'5I579'.15$' '3'25562'E7.4(4,5'30(3'' '1'30'2'<(25' (<.1' 0(8'51.:-0'3.'8.' >'30'305' 75E.73'3.' 513'3,5' '3'3.' (' E,(<5'(6.1-' 0'2' >7'3'1-2' .;'30'2'1(3:75# 5' 0(I5'2551' 30(3' '3' >(2'1.3' '1'30'2'8'75<3'.1'30(3'05'0'625,;'5GE5<358' 3.' ;'18' (1' 5;;5<3:(,' 756589'1' 305' 756589' '1' 0'2' .E'1'.1' 6:23'<.65' ;7.6' (7,'(6513# :3' (2' '3' 0(8'4551'85<'858'3.' 379'30'2'<.:725';'723$' '3' >(2'1.3' 305',522' '6E.73(13'30(3' '3'20.:,8'45'37'58'.:31' (18'305' I5'19' 5GE5<3(3'.1' 30(3' '3' >.:,8' ;(',' >.:,8' 45' (' 6.3'I5' >'30'0'6';.7' 5G0(:23'1-' '32' E.22'4','3'52' .;' 2:<<522$' (18'85E7'I'1-' '32' (8I.<(352' .;' (,,' E,(:2'4,5'-7.:18';.7' >(23'1-' 6.75'3'65' '1'305' (3356E3#

0575' (75' 1.' 2'-1(3:752' 3.' 30'2' <.E9' .;' 305' 75E.73$'1.7' (75'305' 1(652' .;'305'2:4K<.66'22'.1572' 6513'.158# :3' ';'18' '3'23(358' '1' (',53357' .;' 0(6457,('1=2$' 8(358' //' :-:23' /B/ $'30(3'30575' >(2' (' <.66'22'.1' .:3'3',,'305'518' .;'305'6.130' '3.' '7' 0.6(2' (779$' '7' :,':2' (52(7$ (7.1' .30573.1$' 7# 33.7159$' '7' 7(1<'2' (<.1$' '7' 5.7-5' (759$' '7' (,357' .E5$' (18'3>.' .7' 30755'6.75$'3.'85J I'25' E7.Q5<32' (18' 65(12' ;.7' 6.159#P^ ;'30525' >575'305'2:4K<.6J 6'22'.1572$' '3' '2'305'6.75',?5,9'30(3' (<.1'0(8' (' E7'1<'E(,'0(18'1' -:'8'1-'305'7' 85,'457(3'.12' (18';7(6'1-'305'75E.73#

) ' *' +,' / , ,/' * %' %,$ %' *' +,' - ./'
2/ ,' 0' % / ' *' ,/

3' 6(9' E,5(25'9.:7' E2\ >5'8.';'18' 305' 05(82'.;' 257I'<5'75K

\# .<?5358' '1' (<.1=2' 0(18$' N' 53357' '1' -5157(,'3.:<0'1-' 0'2' # 523(35' (18K > (131.'8(,5# :3' .1'305' .3057' ('85' .;'305',5(;$'1.3' '1'305':2:(,'8.<?53'1-' E,(<5$'2.65',(357'E51'0(2' >7'3351$'N' .E9'.;' (' 75'3.'305' '1-5' B' :-# /B/ ' (' 6'23(?5' >0'<0' (<<.:132' ;.7' 305'8'2(77(1-56513'.;'305'205532$' (18'305'E7'13'1-' .;'305',(23'2055 3'.;'305'87(,'3'(2'(';7(-6513'.;'(1.3057' (18'(1'5(7,'57',53357#
N # (18' # .;' (2' #$'# /LH#
N .33# # ,5.E# # # ;# #

B/ #a ' ' ' A >

;57758' :13.' :2'49'9.:7' E2' <.1<571'1-'305'7('2'1-' .;' 4515;'3'3.'
0'2' 523(35'49'>(9'.;''6E7.I56513'.7'(88'3'.1$3.';(,,':E.1
' 1(3:752#

/# '2'1057'2.1'.;'305' '1-'49' .1<5(,651320'(18'853('1572'
.;'0'2'7'-03#
[X # 5I51:5'75I5(,58$4:3'1.3''6E7.I58#
F# 51:752$>'30'305'7''1<'851<52'(18'.3057'<(2:(,3'52#
H# 5>'E7.Q5<32#

18'0(I'1-'2.7358'305'E(73'<:,(72'(<<.78'1-'3.'30'2'8'237'4:3'.1$
3057549'3.'6(?5'.:7'<573';'<(35'4.30'305'20.7357'(18'305'<,5(757$
>5'20(,,'1.>'-'I5'9.:7' E2'(<<.:13'.;'.:7',(4.:72':E.1'5I579'
E(73'<:,(7'05(8T >0575'1'(-755(4,9'3.'30(3'>0'<0'>5'<.1<5'I5'3.'
45'9.:7' E2'518'A>0'<0''2'(2'>5,,'305'-'I'1-'.;'2.65',-03'>0(3'
0'2' # 6(9'5GE5<3';.7'305'3'65'3.'<.65$(2'305'E:33'1-'.;'30'1-2'
'1'2.65'>(9' '45'.785758';.7'453357'E7.;'3'30(1'3059'0(I5'4551'
;.7'305'3'65'E(23D$>5'0(I5'30.:-03'-..8'3.'.4257I5'30'2'.7857T'
;'723$3.'253'8.>1'(1'523'6(35'>0575'3'<.:,8'45'E7.4(4,9'6(85$
3.-53057'>'30'305'-7.:182'.;'305'2('8'523'6(35T (18'3051'3.'253'
8.>1'.:7'(8I'<5$>'30'305'75(2.12'.;'305'2(65$>0575'>5'30.:-03'
'3' 1558;:,T >057549'>5'0.E5'>5'0(I5'47.:-03'30'1-2'('85-755'
15(757'3.'75<5'I5';7.6'9.:7' E2'>'28.62'4.30'('453357'Q:8-6513'
:E.1'305'523'6(352'(18'('6.75'E57;5<3'.7857':E.1'305'30'1-'(8J
I'258T 18' ';'9.:7' E2'8.';'18'A(2'15582'9.:'6:23D'.:7'1;.7J
6(3'.1''1'2.65'E(732':1E57;5<3$9.:7' E2'>',,'45'0.1.7(4,9'
E,5(258'3.'3(?5'?1.>,58-5$30(3''1'6(19'30'1-2'30575'>(2'75@:'J
2'35'4.30',.1-'25(7<0'.;'(<<.:132'(18'.3057>'25$(18'2.653'652'
305'E75251<5'.;' .65'E572.12'30(3'<.:,8'4523'1;.76$2.'30(3'>575'
.:7'<(75'15I57'2.'-75(3$'3'<.:,8'1.3'.I57<.65'30'1-2'3.'E57;5<3'
3056'(3'30'2'E752513'3'65$4:3'953'>5'<.1<5'I5''3'6(9'25715';.7'
(1'5;;5<3:(,'E75E(7(3'.1'3.'9.:7' E2';:73057'8'75<3'.12#

^ Q
.:<0'1-' .1<5(,651320'(18'305' '2'1057'2.1'>0'<0' 0'2'
(* ℞75<5'I52'3057549$305';'723'05(8''2

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3 ' '

05'E752513'E7.;'3'45'1-'(4.:3'/ "#'E57'(11:6'C$'52355 6'(1

F/B' ' ' ' ' ' ' R + $' S

'1<75(25' 6(9' 45' 6(85' .;' / O$ E57' (11:6' 6.75';.7' C' 95(72' (;357' B' 6.1302#

\ ' ' ' '

05' :18573(?'1-' .;# 7# '<.,2.1' >0.' 0(30' 4551' 305' 6(1' 56E,.958' '1' 30'2' 257I'<5#

5<.18,9$ 305' E7.E.73'.1' 453>551' 30(3' E(73' .;' 305' 257I'<5' I9* 05' 0(30' -.15$ 307.:-0' >'30' (18' 30(3' >0'<0' 757((' 1530' ';.7' 305' 1:6457' E;' ;.75232' (18' <0(<52' .;' 30'2' 75(,6' 45'1-' (4.:3' ' 05' 0(30' <.6E.:1858';.7' / '.1,9' 30.:-0' '3' '2' 37:5'2.65'.;' 30.25' (75' .;' 305' -75(3523' .;' 305' ?'1-8.6#

7 * %

' '18'1-' 49' 5GE57'51<5' 30(3' 305' 257I'<5' 0(30' 05753.;.75' 4551' E57;.7658' 49' 7# '<.,2.1' >'30' 75(2.1(4,5' 4515;'3$ (18' >'30.:3' <,(71.:7' >5' (8I'25' ;.7' 305' E75251' 3.' .3057' 15>' <.:725' 4:3' 30(3' 0'2' 257I'<5$ >0'<0' 0(30' ;.7' (' 3'65' 4551' 2:2E51858$ 6(9' 1.>' E7.<558' >'30' 5;;5<3# 18' (,30.:-0' 49' 305' -75(3' E7.E.73'.1' .;' 305' ;.75232' >0'<0' 953' 756('1' '1' 752E5<3' .;' 30.25' (,75(89' 85(,3' ':$ '3' '2' E7.4(4,5' (' -75(357' 2:6' 6'-03' 45' 6(85' ;.7' 30.25' C' 95(72' 953' >5' 8(75'1.3' (8I'25' 305' 56E,.9'1-' .;' 15>' 651$ .7' 6.75' 651$ '1' (' 4:2'1522' .;' 30'2' 1(3:75$ (2' 305' 3'65' 8.30' 23(18#

05' 25<.18' 05(8' '2

' #

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05' E75251' 3' E7.;'3' 0(30' 7'251' 3.' (4.:3' / "# E57' (11:6$ (1' '1<75(25' '2' <.1<5'I58' 6(9' 45' 6(85' .;' F "# 95(7,9' 6.75';.7' ' 95(72#

\ ' ' ' '

05' :18573(?'1-' .;' 7# 'EE57$ >'30' 30'2' ;:73057' E7.4(4','39$ 30(3' >0575(2' 305' 257I'<5' '1' ;.765 7' 3'652$ (2' >5,,' 49' 0'2' # E7.J <,(6(3'.1' (2' .3057>'25$$0(30' 75<5'I58' 8'I572' '13577:E3'.12$ 1.>$ >(9' 45'1-' -'I51' 3.' <573('1' 75(2.1(4,5' 856(182' ;.7' 305' ;:73057J (1<5' .;' 305' 257I'<5$ 2.65' '1<75(25' '2','?5' 3.' ;.,,.>' 4:3' .;' 30'2' >5' 0(I5' 1.' ;:73057' >(77(13#

7 * %

0575' (75' <573('1' (73'<,52' 3518'1-' 3.' 305' ;:73057(1<5' .;' 305' 257I'<5' (,,.>58' 49' 305' .66'22'.1572$ (18' 75(89' 3.' 45' 20.>58' 305'7' E2$ 305' .4257I(1<5' .;' >0'<0' (73'<,52' '2' (,,' >5' 20(,,' (8I'25' '1' 30'2' E.'13#

05 30'78 05(8 '2

05 E752513 E7.;'3 '2 1.15 4:3 30575 0(30 4551 .;;5758 '1 (7,'(6513 49 7# 574'5$ (-513,56(1 .; -..8 5GE57'51<5 '1 '1<.,120'75$ (2:6 '1 -7.22 .; w "# ;.7 '1<.,120'75 (18 2.65 <.:13'52 (8Q.'1'1-7 30.:-0 2'1<5 A49,'?5,'0..8 :E.1 2.65 .3057 0.E52D 05 0(30 4551 :1>',,'1- 3. 6(?5 -..8 0'2# .;;57#

5<.18,9$ '3 (EE5(7530 49 2:7I59 6(85 49 (22513 .; '10(4'J 3(132 A(2 305 .66'22'.1572 .; :7I59 0(I5 '1;.7658D 30(3 '1 '1<.,120'75$ >0'<0 '2 4:3 2:7I5958 '1 E(73$ 30575 (75 75J 3:7158 ! (<752 .;',(:82 .;30(3 1(3:75 4:3 4.> 6:<0 .; 30(3 :E.1 5G(6'1(3'.1 >',,45 ;.:18 2:4Q5<3 '1',(> 3. 305 '1-=2 3'3,5$ '2 8.:43;:,7 (2 (,2. >0(3 ;:73057 @:(13'39 .;','?5 ,(182 30575 '2$ 4.30 '1 .3057 E(732 .;30(3 <.:139 (18 5,25>0575 '1 305 ?'1-8.6#

7 * %

5<(:25 8'I572 3.>12 '1 '1<.,120'75 0(I5 05753.;.75 E53'3'.158 3. 45 75<5'I58 3. <.6E.2'3'.1$ >5 (8I'25 30(3 ,533572 45 >7'3351 :13.'30.25 3.>12 25I57(,,9$ 2'-1';9'1- 305 '1-=2 '13513'.1 3. E7.J <558 3. 7('25 4515;'3 .;0'2 '1057'3(1<5 .;30(3 ?'18$ (18 3. (866'3 3056 3. <.6E.2'3'.1#

3 '2 ;:73057 (8I'258 30(3 ;.7 305 453357 23751-30 .; 0'2 =2 3'3,5$ 30575 45 <0.'<5 6(85 .; <(252 .; 305 <,5(7523 1(3:75 (18 30575:E.1 2:'3 47.:-03 (-('123 E572.12 30(3 ;.7657,9 23..8 .:3$ (18 2. 305 '1-=2 3'3,5 3. 45 523(4,'2058 49 ('Q:8-6513#

05 ;.:730 05(8 '2

;30'2 >5 6(?5 1. 523'6(35 (3 (,,$ 45<(:25 2:<0 3'3052 (2 6(9 45<.65 8:5 3. 0'2 # .;30(3 1(3:75 2556 3. 45 <0(7-58 49 305 '13513'.1 .;,(> 3. 45 56E,.958 3. 305 :25 .; 305 0:7<0$ >0575.;'3 6(9 E,5(25 0'2 # 3. 3(?5 1.3'<5 >5 65(1 ;.7 2. 6:<0 (2 '2 1.3 (3 30'2 3'65 56E,.958 3. 305 :25 .; 305 0:7<0$ 4:3 '2 853('158 49 E7'I(35 651#

05 ;';30 05(8 '2

752513 E7.;'3 30575 '!1.15 (3 (,,$ 15'3057 0(I5 >5 (19 -7.:18

> ' ' ' 'j' ' # R + $' #

!R057549' 3.' 6 (?5' 523' 6 (35' 30575.;$' (,30.:-0' >5' 6 (9' E7.4(4,9' <.1<5'I5' 30(3' (2' >5,,' '1' -75(3' >(2352' ' '1' (18' 15(7' 3.>12' 30575' 45' 6 (19' 1<7.(<0 6 5132' 3.' (' -75(3' I(,:5#

7 * %

.12'857'1-' 305' <(25' '2' .;' (' 351857' 1(3:75$' >5' 8(75' 1.3' (8I'25' ;.7' 305' E75251 3' (19' E7.<558'1-' 3.' 7('25' 4515;'3' 3057549'Q' 305' 7(3057' 45<(:25' 30575' '2' (' <.6 6'22'.1' >'30' 8'I572'@:(,';'<(3'.12' (,75(89'-7(1358';.7'.15' 6 (1.7'.1,9$':E.1' 305' 753:71' (18' 2:<<522' >0575.;'Q:8-6 513' 6 (9' 45' 45 3357' 6 (85'.;' (';:73057' E7.<558'1-#

,2.' >5' 30.:-03';'3' 30(3' 7# '<.,2.1' '1' 305' 5G5<:3'.1'.;' 0'2' 257I'<5' 6 (9$ 0 ' ' ,' '1;.76' 0'6 25,;' .;' 51<7.(<0J 6 5132'.;',(182' (8Q(<513' 4:3' 30'2'.1,9' '1' <(25' >0575' 05' 20(,' 45' 2.:-03$':13.' 49' 305' 351(132$' >0575:E.1' (,2.',-03' 6 (9' 45' 3(?51' ;.7';:73057' E7.<558'1-# 5':185723(18' (,2.';' 2.6 5' 257I'<5'.;' 30(3' 1(3:75' 30(3' 0(30' 4551' 5;;5<358' '1' 305' :<09$' >0575.;' 3' 6 5' >.:,8' 1.3'-'I5':2',5(I5' 3.' 3(?5' '1;.76(3'.1#

b a

5I51:5' '1' <0(7-5' 4:3' 1.3' '6E7.I58#

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;' 30'2' 30575' 0(30' 1.3',(35,9' 4551' 6 (85' (19' E7.;'3$' 2(I5' 30(3' 2.65' 2:'32' 0(I5' 4551' -7(1358'.;' 30(3' 1(3:75# 5'<.1<5'I5' 30(3' 30575' 6 (9' 45' 6 (85$' 49' >(9'.;' 2(,5'.;''1057'3(1<5'.;' 30'2' 1(3:75$' 305' 2:6'.;' L/ "$$' >0'<0' 2:6' 15I57305,522' 6 (9' '1' E7.4(4','39' 75<5'I5' 4.30' -75(3' (88'3'.12' (18' 2.65' 858:<3'.12#

\ ' ' '

0575' 0(30' 4551' 47.:-03' :13.' :2' 49' 305' :8'3.72'.;' GJ <05@:57' (' <.6E:3(3'.1'.;' 5I572'.12' (18' R 56 ('18572$' >0575.;' 305' (1<'5:3' I(,:5'.;' 305',(182' '2' B /"# E57' (11:6$' >0'<0' <(23':E' (<<.78'1-' 3.' / ' 95(72' E:7<0(25$' (;357' 305' 7(35'.;' ;.7657' 2(,52' 30(3' 2:'3.72' 0(I5' 6 (85$' 8.30' (6.:13':13.' 305' 2:6' (;.752('8'.;' L/ "# (18' 2.65>0(3' 6 .751' >0'<0' >5' :185723(18' 3.' (7'25' ,+4 8*0';.7' 305' 75I572'.1$' <.13'1:'1-' 23',,' 3.' 305' 7.>1' 305' 35J 1./$,' %13' /$1&,' ';' ;319' 45#

.7' (88'3'.1'3.'30'2'2:7(!'305'513(',2'2.'47.:-03''1'(2'(;.752('8$' (EE5(7'3.'0(I5'4551'<75(358'2'1<5' C^' #' T'2.'30575'(75'3.'45' E:3'3E' (<<.:13'49'>(9'.;' (88'3'.1'(,;'513(',2'.;' (' 6.75' (1<'513' <75(3'.1$'>0'<0' 6(9'45'6(19#

0575' (75' (,2.'3.'45' E:3'3.' (<<.:13'513(',2' '1'305' :<09$' >#4'<0' >575'1.3'<.6E7'258' '1'305';.7657' (<<.:13$'305'<573('139' .;'4.30'>0'<0' (88'3'.1(,2'75@:'75'2:<0'25(7<0' (2'<.:,8'1.3'45' $6(85!'75(89';.7'305'E752513#

:3'.;'305';.7657'2:62'3.-53057'>'30'305' (88'3'.12$'858:<3'.1' '2'3.'45'6(85'.;'2.65'2(,52' (18'-7(132'.;'2:'32'30(3'0(I5'E(2258$' >0575.;'>5'<.:,8'1.3';.7'305'E752513'3(?5'E(73'<:,(7'1.3'<5#

$' 7 * %

053057'0'2' #' 20(,,' 6(?5'4515;'3'.;'1057'3(1<5'.;'30'2' 1(3:75'49'2(,5'1'-7.22'>'30.:3'75257I(3'.1'.7'6E7.I56513'.;' 7513$'.7'49'75257I(3'.1'(18'6E7.I56513'.;'7513$'.7'6'G3,9$'>5' 0:64,9',5(I5'3.'9.:7' E2'Q:8-6513'4:3'>5'8.'>'20'30(3'1.15' E(22'.;'30'2'1(3:75'>0575'1'30575'(75'1.3'C','I52'1'45'1-''1057'3J (4,5':13.'305'513(',#

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;'30'2'>5'<(1'6(?5'1.'E(73'<:,(7'523'6(35$'45<(:25'30(3' >.:,8'75@:'75'2:7I592'(18'<573('13'52$'>0'<0'>5'8(75'1.3';.7'305' E75251 3' (8I'25$' (,30.:-0'>5'<.1<5'I5'3'3.'45'('30'1-'.;'I579' -75(3'4515;'3'4.30';.7'305' '1-'(18'305'?'1-8.6#

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;'3'45'30.:-03';'3'3.'0(I5'('E7.<558'1-'1'30'2'?'18$'>5' 30'1?'305'6.23'<.1I51'513'>(9'>575$'30(3'(2'>5,,'305'2:7I592' >575'6(85' ' ,'(18'1.3'E(73'<:,(7,9';.7'30'2'E:7E.25$' (2'(,2.'30(3'305'E7.<558'1-'>575' ,'.15'6(1.7'(;357' (1.3057$'(18'1.3'49'(19'6.75'-5157(,'<.6'0'22'.12# 18',(23,9' 30(3''3'>575'E:3''1'E7(<3'<5$'>0575'305'351(132'3056 25,I52'5'3057' .:3'.;'305'7'.>1'1.3'.1'.7'49'2.65'8'2<7553'E75E(7(3'.1'20(,,'45' E53'3'.1572';.7''3#

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;'30'2'>5'<(1'6(?5'1.'E(73'<:,(7'523'6(35$'(2'>5,,'45<(:25'>5

20(,' 1<,'15 3. (8I'25 4.30 305 7('2'1-. ;' (' 2:6 '1 -7.22 (18 7('2'1-' ,'?5>'25 . ;' (1 (11:(,' 75I51:5"(2 (,2.' 45<(:25 '3 >.:,8 75@:'75 (' 6.75 E57;5<3 (18 ;('30;:,'2:7I59 30(1 0'30573.' '2 6(85 ;.7 305 -7.:18'1-' .;' (1 523'6(35#

:3 30'2','-03 >5 0(I5# 752>5,,' 0(30 47.:-03 (' 2:7I59$<.1J 3('1'1-' (' 8'23'1-:'2058 (<<.:13 .;'HC F ' (<752 .;' (1<'513 51<,.258 <.EE'<52 >..82 (,75(89 2:7I5958$<.6E750518'1-' '1 30(3 3.3(,' (2 >5,,' 305 (1<'513 51<,.258 <.EE'<52 '1 ;.75232 (18 <0(252$ (2 (,2.' '1 6(1.72$ (18 (2 >5,,' '1 ,5(25 (2 .:3 .;' ,5(25$.;' >0'<0 2:6 .;' (<752 30575 (75 B ' .7 30575(4.:32 .:3 .;',5(25$ (18 305 752'8:5 '1 ,5(25 .' 30(3 0'2 # 6(9 6(?5 E75251 4515;'3 .;' 30(3 >0'<0 '2 .:3 .;',5(25#

1 30'2 2:7I59$;'723 30575 '2 1.3 <.13('158 (19 <.66.1 >..82 '1<.EE'<58 49 23(3:35$ 4:3 .1,9 (1<'513 <.EE'<52 >..82#

'$/$ +,' 1(& $(1&%+1$3 %10 $(88+$$,' C((3,' ()'&'$ .2'0

(23,9 30'2 2:7I59 '2 I579 :1E57;5<3 ;.7 30575 45 4:3 (' I579 ;5>' 20'752 30(3 0(I5 4551 >0.,,9 2:7I5958$(18 (' -..8 1:6457 .;' 20'752 (75 1.3 2:7I5958 (3 (,, E 30(3 '3 '2 I579 ,'?5 305 2:6 (;.752('8 >',' 75<5'I5 -75(3 (88'3'.12# :3 3051 '3 (EE5(753 1.3 :E.1 305 2:7I59 0.>' 6(19 .;' 30525 <.EE'<52 ('5 >'30'1 305 % W Q.'13:75$ .7 305 7'1<522 E.22522'.12$ .7 30.25 ,(182 (22'-158 3.' 305 # .;' .7?#

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5 8.' <.1<5'I5 305 2(;523 (18 4523 <.:725 .;' 7('2'1-' E7.;'3 3.' 0'2 # 49 0'2 <.EE'<52$ '2 305 E:33'1-' .;' 3056' '1 ,5(25$ 7(3057 30(1 3.'# 6(?5 2(,5 .;' 3056' 49 .;;'<572 .7 <.66'22'.1572# 05 ,5(252 >5 <.1<5'I5 20.:,8 45';.7 3,'5 3576' .;' F/' 95(72 .7 F ,'I52 45<(:25 49 <.66.1 '1<756513 AjD!' '1 30(3'3'65$ 305 ;(7657 6(9 0(I5 3>.' <:33'1-2# 1 >0'<0 <(25 >5 8.' 0:64,9 .',57 3.' <.1J 2'857(3'.1 305 E.'132 ;.,,.>'1-#

'723 30(3 -..8 <(75 45 3(?51 .;' 0'2 # 25<:7'39 4.30 49 E7.J I'2'.12 (18 <,(:252 '1257358 '1 305 ,5(252$ (2 49 <.,,(357(,' 25<:7'39$ >0575 '3 '2 75@:'2'35 45<(:25 7551379$ >,''<0 '1 .3057 <(252 '2 305 237.1-523 25<:7'39$ '2 '1 30'2 <(25 305 >5(?523$;.7 6(19 3'652 >051 3059 0(I5 237'EE58 305 >..8 .;' 2(,5(4,5 -7.>30$ 3059 >.:,8 45 -,(8 3.' 45 7'8 .;' 305 2.',' (18 30'2 25<:7'39 '2 3.' 752E5<3 1.3 .1,9 305 E(96513 .;' 305 '1-=2 7513$ 4:3 305 E75257I(3'.1 .;' 305

' 0(8 4551 >7'3351 ;'723 >0'<0 0(2 4551 <.775<358 49 (1.3,'.7 E51 (18 '1?' '13.' 2.6530'1-' >0'<0 6(9 45 0 '1<756513#=

j$ / #a ' ' ' >

2E7'1-2$;.7 >0'<0 E:7E.25 0'2 #,5(7158 .:125,,'>',,'3(?5''3''13.'305'7'2E5<'(,'<(75'3.'851'25'(';.76'.;'(22:7(1<5'2(;5';.7'305''1-'(18'953'1.3'2.'237'<3'(2'3.'8'2<.:7(-5'651'3.'3(?5#

5<.18,9$ >5'(75'.;'.E'1'.1'0'2' #E7.;'3'>',,'4523'<.12'23'(2'>5,,'.;';'15'(2'.;'7513T'4.30'45<(:25'305';'15'3(?51'45;.750(18''2'305'-75(357'3'5':E.1'305';(7657$ (18'8.30';.73';9'305'7551379'A;.7'3051'05',552530'0'2';'15D$ (18'<0'5;,9'45<(:25'>..82'8';;57';7.6'.3057'E.22522'.12'1'30(3'3059'6(9'0(I5'E752513'<7.E2'.;'25157(,'-7.>302$ >0'<0'6(9'45'6.23';'3,9'<.12'85758''1'305';'15#

0'78,9$ 1.3';'18'1-'305'2:7I592'(,75(89'3(?51'.;'2:;;'<'513'<573('139$ >5$>'20'2.65'<.:725'3.'45'3(?51';.7'('6.75'5G(<3'2:7I59$;.7'>0'<0'E:7E.25'.;;57'0(30'4551'6(85'49' 7r2'>5,,'3.'6(?5'E57;5<3'2:7I592';.7'(,,'<.EE'<52'>..82'.1'30'2'2'85' 751;$ (18'3.';'1'20'305'2(65'45;.75' '<0(5,6(2'<.65'3>5,I56.130$ (3'305'<0(7-5'.;'H "#' (18'>5'30'1?';'3'30(3'1'305'65(1'3'65'30575'45'('E752513'10'4'3'.1'(18'<522(3'.1'.;'>..8K2(,52'.;'(19'<.EJ E'<52'>..82'1'305' '1-=2'0(182#

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;'30'2'>5'<(1'6(?5'1.'523'6(35$ 4.30'45<(:25'>5'0(I5'1.'2:7I592'1.7'1';.76(3'.12'3.'-'I5','-03$ >0'<0'20(,,'45'<.13'1:58'(18'>0'<0'20(,,'45'2.,8$ 1.7','?5>'25'.;'305'I(,:52'.;'305'6(35J 7'(,2'.;'30.25# >0'<0'20(,,'45'852'-158';.7'2(,5#

7 * %

5'0:64,9'.;;57'3.'9.:7' E2'<.12'857(3'.1$ >053057''3'45'1.3';'3'30(3'305' .'W 86'7(,$ 305' R'.;'305' 78'1(1<52'.7'2:<0'.3057'(2'9.:7' E2'20(,,'(EE.'13$ 6(9';'723'6(?5'<573';'<(35'0.>'6(19'.;'3056'(75'3.'45'<.13'1:58''1'752E5<3'.;'2571'<5# 18';.7'2:<0'(2'20(,,'45'30.:-03';'3'3.'45'2.,8$ 30(3'2.65'.;;57'45'6(85'3.'305'<.:13'52'.7'3.>12'.;'E75;5765 13'.;'305'E:7<0(25'3.'45'56E,.958'3.'-(.,2'.7'.3057'E:4,'<':252#

b #a

51:752'(18'.3057''1<'85132'>'30'.3057'<(2:(,3'52#

1, /' /' # % ' o /' %:/', #

'

0525'(EE5(7'3.'45'('26(,','6(3357$ 305'K(11:(,'75I51:5'4;'30(3'1(3:75'<573';'58'49'305' :8'3.7'(6.:13'1-'3.'/C "#' E57'(11:6#

#' #' !

> & , , / 0 * , * ; % # / # R # + $ >

7 * %

5 <(1 (8I'25 1. 45335 <. 6=25 ;. 7 7('2'1-2. 65 '1<75(25 .; E7.;'3 30(1 3. E:3 3056 '1 ,5(25 '3 75@:'7'1-305 '18:2379 .; E7'I(35 E572.12 3. ,..? '13. 30'1-2 .;2. 26(,, I(,:5 (:8 2. I(J 7'(4,5 (1(3:75#

,%A) / , / *) % /

' $

.7 523'6(35$ K>5;'18 '1 305 95(7 518'1-(3 '<0N# B^ (<.4'$ E7.;'32 .;30'2 1(3:75 0(I5 (6.:1358 3. H /F"#$ 1.3 <.6E750518J '1-305 :<09# 5;'18 (,2. 305;552 (18 (,,.>(1<52 3. 35>(782 (18 (',';'2 3. 45 H 'L"#$ >057549 '3 '2 6(1';523 305 <0(7-5 5GK <558530 305 75<5'E3# 18 3. -'I5 9.:7 E2 (45335 7 3(235 .;305 -75(3 ,.22 305 /(C. 0(30 75<5'I58 '1 305 -(3057'1- .;75I51:5 .;30'2 1(3:75$ 30575 0(30 4551 E7.8:<58 :13. :2 (1.35 5G37(<358 .:3 .;305 95(72 .;%# ,'M(4530 H N# .;(,,305 :J 8'3.72 .;;'<52 5G<5E3 305 >523571 <'7<:'3$ (18 30(3 (4.:3 .18.1 8:7'1- >0'<0 H 95(72 305 E7.;'32 .;305 ;'152 (18 (657<56 5132 8'8 (6.:13 3. FH C "#$ (18 305 ;552 (18 (,,.>(1<52 .;.;;'<572 ;.7 305 <.,,5<3'.1 30575.;8'8 1.3 .1,9 2>(,,.> :E 305 >0.,5 E7.J ;'3$ 4:3 8'8 <(23 :E.1 305 7.>1 (<0(7-5 .; H"# 6.75#

7 * %

.7 (8I'<5$ >5 <.1<5'I5 305 4523 <.:725 ;.7 7('2'1- E7.;'3 .; E57@:'2'352 .; .:732 '2 3. E:3 3056 '1 ,5(25 ;.7 2.65 20.73 3'6 5 >057549 305 <0(7-5 >',; <5(25$ (18 305 E7.;'3 '2 ,'?5 3. 45 '6 E7.I58 49 E7'I(35 '18:2379 , >0'<0 6(9 (;357>('-82 45 :258 ;.7 (E75<5851 3. 305 '1-;.7 ;:73057 '6 E7.I5651 3 >051 305 ,5(252 20.:,8 5GE'75#

") % , /

5 0.,8 '3 (6(3357 >.7309 305 <.12'857(3'.1$ 4:3 >5 0(I5 1.3 4551 (4,5 3. <(23 '3 '13. 2:<0 (;7(1(5$ (2 >5 8(75 (8I'25 3. 45 2(;5 (18 <.1I51'513#

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5 '1;.7658 49 305 .;;'<572 30(3 30575 0(30 4551 (1 '7(K

E7.I57(53'3 30'2 ,(23 95(7$459.18 305 ;.7657 95(72$.; / O#$(18 0.E5 '2 -'I51 49 3056 30(3 ,(18 >'30 75(2.1(4,5 :2'1-.;305 2:4Q5<3$ 30575 6(9 45 ;:73057 '6E7.I5651 3'1 -..8 65(2:75#

7 * %

: 3 '2 852'758 49 305 .;;'<572 .;305 ,'51(3'.1 30(3 (7.<,(6(J 3'.1 ,'?5 :13. 2.65 7.<,(6(3'.12 30(3 <(65 ;.730 2.65 3>. 95(72 2'1<5$20.:,8 45 E:4,'2058 <.1<571'1- ,'51(3'.12$>0'<0(75 1.3 .;75<.78 >0575.;0'30573. 305 '1- 0(30 0(826(,, 4515;'3 >0'<0 6.3'.1 (2 >5 8. (,,.>$(18 0(I5 30.:-03 .;2.65 (88'J 3'.12 3. 305 7.<,(6(3'.1 ;.7 305 '1-=2 453357 257I'<5$(<<.78J '1- 3. 305'7 852'75$2. 15I57305,522 >5 >'20 '3 ;.74.715 ;.7 (3'65#

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5 8. ;'18 30(3 305 >0.,5 <0(7-5 30(3 '2 E13 '1 E7.<522 .;30'2 75I51:5 '2 (4.:3 H "# E57 (11:6$>0575.; 6(7?2$(6.:13J '1- 3. (30'78 E(73 .7 30575(4.:32$'2 .1,9 (12>5758$(18 305 7523 5G<:258 .;>0'<0 7523 (4.:3 C "T E57 (11:6 '2 E:3 .I57 3. 25I57(,'4573'52$(18 "# '2 E13 .I57 3. 305 :<09#

;'>0'<0 C "# 30575'2 -..8 0.E5.;'6E7.I5651349 E57:2'1- 305 0(73572 .; '4573'52$45<(:25 '3 '2 E7.4(4,5 305 6.23 E(73 0(I50.330'2 7.9(,39 <.13('158 '1 305'7 <0(73572#

:3 ;.7 305 "# 3:7158 .I57 3. 305 :<09$';'3 45 8:,9 3:7158 .I57 30575 <(1 45 1. E75251 '6E7.I5651 6(85$45<(:25 '3 '2 (,75(89 ,53 .:3 '1 ;(76#

0575 '2 (,2. L "# E57 (11:6 1'0',58 >0575'1 '3 '2 ,'?5,9 30575 6(9 45 2.65 257I'<5 .;'6E7.I5651349 3(?'1- (>(9 305 (4:252 .;30525 753:712#

7 * %

5 8. .1,9 (8I'25 30(3 305 0(73572 .; '4573'52 45 ,..?58 '13. 49 305 ,5(7158 .:125,$(18 30(3 2.65 <.1;5751<5 45 0(8 >'30 305 (7.12$;.7 75E75#22'1- .;305 (4:252 .;305 '0',2#

(0 7,%

.:<0'1- 305 47'1-'1- .; ',I57 3. 305 '13$>5 0(I5 0(8 4.30 305 657<0(132 (18 305 6'13 651 45;.75 :2Q (18 >5 0(I5

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S ' ' ' ' ' # R + $' #

4551' 49' 305' 6 57<0(132' '1;.7658' 30(3' '1' 305'7' <.1<5'3$' ';' 305' '1-' >.:,8' (4(35' R* .;' 0'2' <.'1(-5';.7' 2',157' (3' 0'2' '13$ 0'2' (*9' >575','?5'3.'75<5'15'(2' 6 :<0'.7'-75(357'E7.;'3' '1'305''1<75(25' # .;' @:(13'39'(2'05'20(,,',.25' 49' 305' (4(35 6 513' .;' 0'2' #E7'<5' '1' <.'1(-5T 4:3' 45<(:25' 3059' 8'8' 1.3' 2E5(?' '3' '1' (1' :18573(?'1-' (18' <.1;'8513' 6 (1157'Q (18' 45<(:25' 305' 6 '13' 6 51' 8.',?5>'25' .EE.25':13.' '3$ 8.:43'1-'30('3'>.:,8'>.7?',33,5'5;;5<3$ (18' 6'-03' 0'1857' 305' E,513';:,'<.6'1-'.;'-.,8'3.'305' 6 '13$ >5' 8(75'1.3' (8J I'25' (19' (,357(3'.1$ 4:3'30'1?' '3'>.7309' .;' 9.:7' E2' 453357' <.1J 2'857(3'.1#

0575' >(2' (,2.' '1<'8513,9' E7.E.:1858' 49' 305' 57<0(132' 3.' 0(I5' <573('1' E(1'20' 2',157' <.'12$ 45'1-' .;' (2' -..8' .7' 453357' 3.:<0'30(1'.:7'.>1$3.'45' 6 (85'<:77513' 49' 7.<,(6(3'.1$;.7'51J <.:7(-5 6 513' .;' '6 E.73(3'.1' (18' E,5139' '1' 305' 75(,6T :3' 45J <(:25' '3' '2' (' 6 (3357'.;' 3(35' (18' 1.3' 75;57758' :13.':2$ >5' 8'8' 1.3' 513573('1' '3' '1' <.12:,3(3'.1#R

.7' .3057' 6 5(12' .;' 87(>'1-'2',157' 3.' 305' '13$ >5',5(I5''3' :13.'305';.7657'<573';'<(35'.;']# 0(1<5,,.7'.;'305' :<09' (18']!# .,,'<'3.7$ >0'<0' >(2' 4.30' 49'305' 6 57<0(132' (18' 305' 6 '13' 6 51$ 45'1-' 75(8' :13.'3056$ (EE7.I58#*

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5>' 7.Q5<32#

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5'<.1<5'I5'305'E7.E.2'3'.1'3.'45$.;' I579'-75(3'0.E5$ 4:3' >5' 3(?5' '3' 30(3' >0'<0' >(2'75;57758':13.':2' >(2' 1.3' 3.' <.12'857'.;' 305' 6('1' 4:2'1522$ >0'<0' >5'<.1<5'I5'3.'45'7(3057'(' 6(3357'.;' 523(35'30(1' 6(3357'3518'1-'3.'305' =2'E75251'3'E7.;'3$ >0'<0''2'305' E7.E57'2:4Q5<3'.;'.:7',(4.:72# 18'30575;.75',5(I'1-'305'8'2E:35' .;' 305' 6(3357' '325,;$ >5' 3..?' '13.' <.12'857(3'.1' 305'E7'I',5-52' >0'<0' >575' 852'758W >0575'1';.7' 305' -5157(,$ >5' 8.'1.3' 8519' 4:3' 30(3' >0'<0' 6:23' 45' :18573(?51' 49'E7'I(35' E:7252' 155853O' 305'<.6;.73'.;'305' 6.75'E7'I',5-52'T 4:3''1'305'E(73'<:,(7'5G(6'J 1(3'.1'.;'30.25'E7'I',5-52' >5';5,,' :E.1'(' 16'1'23.E'(18''6E58'J 6 513$ >0'<0'8'8' (77523'.:7';:73057'<.12:,3(3'.1'W >0'<0' >(2$ 30(3' 305' .6E(19'.;' :2252' 852'7530'(';755'37(85$ (2';(7'(2'<.1<57153O' 305'7'.>1';'20'1-$ (2' >5,,' '1' 5GE.73(3'.1'3.'(,,';.75'-1'E(732$ (2' '1'305''6E.73(3'.1'.;'(,,';.75'-1'<.66.8'3'52' >0(32.5157'49'>(9' .;'753:71' ;.7'305'7' ;'20$ (2'305'E7.<'85>5^'30575.;# 0575:E.1'

R 55'(4.I5$ E# #
!' '. ['2 8'! !' '>! 7 1 ' 2! '!' #3' '"

>5 6 (?'1-' 8. : 43 30 (3 305 ,(7-51522 . ;' 30 (3 852'75 6 '-03 <7. 22 8'I572 <0(73572 (,75(89 -7(1358 : 1857 305 -75(3 25(,' 3. ' 8'I572 <. 6E(1'52 . ;' 6 57<0(132 (,75(89 523(4,'2058$. 7 . 3057>'25 30 (3 '3 6 '-03 3518 3. ' 305'7 8'2<. 13513 6 513$ 30 . : -03 '3 15<522(79 3. ' 0(I5 305 6 57<0(132 45;. 75 : 2$ 3. ' (<<. 6 6 . 8(35 '3 A';' '3 >575 E. 22'4,5D 4! ' <. 12513# 0575 : E. 1 ' 30575 ' (3351858 : 2 E572. 12 . ;' - . . 8 @ : (,'39$; . 7 305 ' <. 6E(19 . ;' 57<0(132 8I513 : 7572$. ;' 305 ' 751<0 (18 (23,(18 6 57<0(132$ (18 . ;' 305 ' <. 6E(1'52 . ;' : 2J <. I9 (18 : 7?59T >0. ' 8'8 (,,' 25I57(,,9$ 8'75<3,9$ (18 6 ('1,9 '6E: -1 30 (3 E7'I ',5-5T (18 8'8 <. 1<5'I5 (18 6 ('13('1' '3 3. ' 45 <. 137(79 3. ' 305'7 ; . 7 6 57 ,'4573'52$ (18 E7(958 305 4515;'3 . ;' 305'7 <0(7357=2T 30. : -0 3. ' . : 7 Q : 8 - 6 5132 2. 6 5 (,,5-58 237. 1-57$ 2. 6 5 >5(?57 75(2. 127 >0575 : E. 1 ;'18'1-' 1. ' 0. E5 . ;' 75<. 1<'J ,'1-' 305 @ : 523'. 1$ >5 (75 0 : 6 4,9 3. ' ,5(I5 '3 3. ' 9. : 7 E2 <. 1J 2'857(3'. 1#

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5 0(I5 2551 I(7'539 . ;' E7. Q5<32 '1 30'2 ?'18$ 4 : 3 <. : ,8 1. 3 2(3'2;9 . : 725,I52 30(3 (19 . ;' 3056 ' <. : ,8 45 2. ' ;7(6 58 4 : 3 >',' 3518 3. ' (' -75(3 8'2<. : 7(-5 6 513 (18 85<(9 . ;' 37(85 (18 6 57J <0(18'25$ >0'<0 '2 E7'1<'E(,,9 6 ('13('158 : E. 1 ' <758'3 49 305 ' 9. : 1-57 2. 73 . ;' 6 57<0(132$ '12. 6 : <0 (2 305 I579 1. '25 (18 2E55<0 30575. ;' >(2 <. 1<5'I58 6 '-03 45 0 : 73; : ,# 18 >0575(2 30575 >(2 2. 6 5 756 589 E7. E. : 1858 ; . 7 . 15 . ;' 305 E7'1<'E(,' . 4J Q5<3'. 12 (-('123 (,,' 30. 25 E7. Q5<32 A>0'<0 '2 305 8'2<,. 2 : 75 . ;' 6 51=2 523(352D 30(3 '3 6 '-03 45 (I. '858 49 305 ' 7('2'1-' . ;' (' (1? . 7 # <0(1-5$ >057549 305 4. 77. >'1-' 6 '-03 45 305 6. 75 25<753T >5 8'8 ;'18 (' -75(3 '1<. 1I51'51<5 30(3 >',' 512 : 5 : E. 1 ' 30(3 75J 6589#K . 7(26 : <0 (2 305 ' 9. : 1-57 2. 73 . ;' 37(8572 >0. ' 6(9 0(I5 E(73'<: ,(7 <758'3 >'30 ;7'5182$. 7 <573('1' E572. 12$ <(11. 3 45 ,'?5 3. ' 0(I5 (' -5157(,' <758'3 >'30 305 4(1?572T 305 7(3057 45<(: 25 '3 <(11. 3 4 : 3 (EE5(7 3. ' 3056 ' >0. ' 3059 (75 30(3 (75 . ;351 4. 7J 7. >572$ (18 3057549 305 >5(?1522 . ;' 305'7 523(352 ;(7 6. 75 8'2<. J I5758 49 30(3 65(12 30(1 >051 3059 4. 77. > ' . ;' -5157(,' E572. 12#

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5 0(I5 75<5'I58 '1 30'2 (,2. ' I(7'539 . ;' E7. Q5<32$; . 7 305 7('2J '1-' . ;' 4515;'3 (2 >5,,' : E. 1 ' (1 . ;;'55 . ;' 517. ,, 6 513 ; . 7 305 '1851J 3 : 752 . ;' (EE7513'<52$ E75351858 3. ' 45 -7. : 1858 : E. 1 ' 305 3(3 : 35 ' ,'M' \ (2 : E. 0 (1. 3057 47(1<0 . ;' 305 2(6 5 23(3 : 35$ (-('123

30.25'30(3':25'37(852'0(IQ1-'1.3'257I58'25I51'95(72'T 4:3'>5'<.:,8'
1.3' 2(3'2;9'.:725,I52''1'5'3057'E.'13'30(3'E7.;'3'<.:,8'45'7('258$
1.3>'3023(18'1-'6(19'<(:3'.12'(18','6'3(3'.12'E7.E.:1858':13.'
:2$'>'30.:3'-75(3''1<.1I51'51<5T 305'7(3057';.7'30(3''3'>.:,8'45'
305';'723R(18',5(8'1-'E75<5851 3.';'E7.;'3''1'-5157(,'39'6(85'49'('
E51(,',(>'1'0'2' (U9 3'65$.3057>'25'30(1''1'.78'1(79';.76'.;'
,(>#

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] 50(I5'5G(6'158'>0(3'E7.;'3'6(9'45'6(85'3.'305' '1-':E.1'
3(7<0''1'3>.'1(3:752T 5'3057'49''6E.2'3'.1'(3'305'E.73':E.1'
;.75'-1'23(7<0''6E.7358$'>'30'('E7.0'4'3'.1'.;'6(?'1-'23(7<0'
>'30'1'305'75(,6$'.7'49'('<.7E.7(3'.1'.;'3(7<06(?572'>'30'1'
305'75(,6$'>'30'E7'I',5-5'.;'2.,5':3357'1-'.;'23(7<0'(18'E(9651 3
.;'2.65'E7.;'3'3.'305' '1-# 0575:E.1'>5'0(I5'<.12'85758'(2'
>5,,'.;'305'<.1I51'51<5'(2'305'E.'13'.;',(>''1<'851 3.'30'2'E7.J
E.2'3'.1#

18';.7'<.1I51'51<5$'>0'<0'6'-03'45'4523':185723..8';7.6'651'
.;'5GE57'51<5$'>5'0(8'45;.75':2'2.65'.;'305',(35' .7E.7(3'.1'.;'
3(7<06(?572$';7.6'>0.6'>5'75<5'I58''1;.76(3'.1''1'30755'
E.'132#

'723'30(3'30(3'<.7E.7(3'.1'0(8'<.13'1:58'(4.:3'3>.'95(72'(18'
('0(,;$'8:7'1-'>0'<0'3'65'305'E7.;'3'3.'305' '1-'>(2'(12>5758#

5<.18,9'30(3'305'E7'<5'.;'23(7<0'8:7'1-'305'3'65'305'<.7E.J
7(3'.1'23..8$'>(2'6:<0'(4.:3'30(3'7(35'30(3'1.>''3''2#

0'78,9'30(3';.7'6(3357'.;'1:'2(1<5$'23(7<0'>(2'1.>'(2'-515J
7(,,9'6(85'(18'>'30',?5''1<.1I51'51<5'.7'6.75'30(1'>0',5''3'
>(2':1857'-.I5716513'49'65(12'.;'305'<.7E.7(3'.1T >0'<0''1J
;.76(3'.12'0.>'37:5'3059'(75'>5'<(11.3'(;;'76#

.7'305'E.'13''1' (>$'>5'<(11.3';'18'(19'-7.:18'.;'E7.0'4'3'.1$
4:3''3'6:23' 5'.15'.;'30525'30755'T 5'3057'30(3'305'<.66.1',(>'
;.74'88530''3W .7'30(3'305' 3(3:35',(>'8.30';.74'8''3W .7'30(3'305'
E7.0'4'3'.1'6:23'7523'.1,9':E.1'305' '1-=2'E757.-(3'I5'(18'E7.J
<,(6(3'.1#

18';'305'E7.0'4'3'.1'20.:,8'45'-7.:1858':E.1'305'<.66.1'
,(>$'3051''3'6:23'45'05,8' ' ,'(18'2.'1.3'3.'45'8'2E51258'
>'30(,T ';'49'23(3:35',(>$'>5';'18'1.' .3057'23(3:35'4:3'30(3'.;'
' # B'.;'51-7.22'1-'(18'752(,5T (18'305'-7.:18'1-'.;'('E7.0'J
4'3'.1':E.1'30(3',(>'0(30'75<5'I58'('4,.>'49'('Q:8-651 3''1'305'
.66.1' ,5(2T 2.'30(3''3'6:23';(,,':E.1'305'23751-30'.;'(' 7.K

<,(6 (3' . 1 ' Q >,''<,'' 0 . > ' < . 1 I 51 '51 3 ' '3 ' 6 (9 ' 255#6 ' (3 ' 30 '2 ' 3 ' 6 5 ' >5 ' ,5(I5 ' 3 . ' 9 . : 7 ' E2 ' < . 12 '857(3' . 1#R

H#

E . 1 ' 305 ' . 3057 ' E7 . Q5<3 ' ; . 7 ' ' 6 E7 . I '1 - ' 305 ' '1<. 6 5 ' . ;' 305 ' 7 . >1 ' 49 ' N <. 1 I 572' . 1 ' . ;' '32 ' 75 I 51 : 5 ' . ;' ,(: 8 ' '13 . ' (' 6 : ,3'E,'58 ' E752513 ' 75 I 51 : 5 ' . ;' 7513$P ' (<. 1 ' 875>' : E ' (' 25E(7(35 ' 75E . 73 ' . ;' 4'2 ' . >1 ' . ;' >0'<0 ' (,2 . ' 30575 ' '2 ' (' <. E9 ' (6 . 1 - ' 305 ' . 33 . 1 ' 6 (1 : 2<7'E32$ 30 . : - 0 ' '3 ' 0(2 ' 15 I 57 ' 4551 ' E7'1358# 4 . : 3 ' 3'12 ' 30575 ' <(1 ' 45 ' 1 . ' 8 . : 43 ' 30 (3 ' '3 ' 45,. 1 - 2 ' E7 . E57,9 ' 3 . ' 30 '2 ' < . ,,5<3' . 1$ (18 ' 30 (3 ' '32 ' E7 . E57 ' E,(<5 ' '2 ' 0575T

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5 , % 7 ' 1 , 7 ,) , ' ' # 7 , % ' $ ' + / ' 0 / ' ' ' ' ' '

F ' # ' ' ' $ R + $' C

(2' 305' '(18' '2' <0(7-58' 6 .75' . 7' ,522' > '30R523(352' (18' ,5(252$ (18' (2' 305' E. 22522'. 12' <. 12'23' 6 .75' . 7' ,522# '1' 85 6 5215' . 7' 75132$ (18' 30. 25' 75132' ;755' . 7' 5. E9$ (18' 30. 25' <. E'52' : E. 1' (74'37(4,5' ;'152' . 7' 1E. 1' ;'152' <573('1$ (18' 2. 6 r > 0(3' ,'?5>'25' : E. 1' 305' <. 1<5'3' (18' <: 23. 6 2' . ;' 25I57(,' <. : 137'52# : 3' 3. ' 6 (?5' (' 35 6 E57(35' ' 49' > (9' . ;' 523' 6 (35$,5(I '1 -' 305' E(73'<: ,(72' 3. ' 305'7' E7. J E57' I (,: 5' W \

3' '2' 1. 3' : 1,'?5' 30(3' > 0575' 305' E. 22522'. 1' '2' <0(7-58' > '30' 523(352' (18' ,5(252' . ;' F ' 95(72' (18' : 1857$. 7' F' ,'I52' . 7';5>57' ,'I52$ '3' >',,' 9'5,8' H' ; . 7' . 15# 2' ';' 305' 6 (1. 7' . 7' ;(76' . ;' C '45'1. >' 856'258' (3' / /# E57' (11 : 6 $' 305' '1 -' 6 (9' -5257I5' H $' '1<, : 8'1 -' [305' / # 18' ';' 305' 523(352' . : 3' 45' 453>551' F ' (18' ' 95(72$. 7' : E. 1' 95(72' (18' (;357' ,'I52' 30(3' 6 (9' 45' 52355 6 58' 3. ' 305' ,'?5' <. 1J 3'1 : (1<5$' '3' >',,' 9'5,8' F' ; . 7' . 15$ (18' ';' 305' 523(352' 45' (4. I r' ' 95(72' (18' 2. ' : E> (782$' '3' >',,' 9'5,8' ' ; . 7' . 15# 0'2' '2' 3. ' 45' : 1J 85723. . 8' . ;' (' ' . ;' 305' -7. 22$ 3(?'1 -' 305' 453357' (18' 7'<057' 3. ' 05,E' 305' > . 725#

. >' 30575' (EE5(7530' 3. ' 45' 75 6 ('1'1 -' '1' 305' '1 -' (3' 30'2' 3'6 5' 6 (1. 7' . 7' ;(76' ,(18' >0'<0' >(2' E(73' . ;' 305' (115G(3'. 1$ 3. ' 305' (11 : (,' I (,: 5' . ;' BC /'# E57' (11 : 6 $' (,2. ' ,(18' (22'-158' 3. ' 305' % : 551' 3. ' 305' I (,: 5' . ;' H HF"# E57' (11 : 6 $' : E. 1' >0'<0' '3' >',,' 45' 6 . 75' 8';' <:,3' 3. ' 253' (' 7(35$' 45<(: 25' . ;' 305' ,'45739' 305' % : 551' 0(30' 3. ' 6 (?5' ,5(252$ >0'<0' 205' 0(30' 5G5<: 358' '1' E(73' (18' 1. 3' '1' (,,$' (18' 6 (9' ;7. 6' 3' 6 5' 3. ' 3' 6 5' 5G55 : 35' '1' (,,' (2' >5,,' (2' '1' E('3# 0575' '2' . 3057' ,(18' . : 3' . ;' 305' (115G(3'. 1' 4. 30' '1' 305' G<05@: 57' (18' 305' :<09$ (18' (,2. ' (1<'513' <: 23. 89' ,(18' >0'<0' 6 (9' 0575J (;357' 45' (8858' 3. ' 30'2' (<<. E13#

: 3' 305' 3. 3(,' . ;' 305' (115G(3'. 1' ,(18' 3. ' 45' >7. : -03' : E. 1$' '2' F LCH"# E57' (11 : 6 # 0'2' 3754,58$ >0'<0' '2' 305' 6 '88,5' 7(35' 45J 3>551' H' (18' $ 8. 30' E7. 8 : <5' (' 3. 3(,' 75I51 : 5' . ;' 15>' (18' .,8' 3. ' L L "# 0r]' (: - 6 513(3'. 1' . ;' 15>' 75I51 : 5' 452'852' 305' E75251 3' 75I51 : 5' B/LH "#

7. ; '3' (7,2' -6' ' ' ' ' ' ' 62 -E ' -' ' 2E ! 7

, =. 7' 305' E7. ; '3$ '3' '2' 3. ' 45' < . 12'85758' '1' H>. ' ?'182# 0(3' '2$ % ' 'I ' D ' %' D ' . 7' 30 r' E7. ; '3' 2' 6 E, 9$ < . 1J 2'857'1 -' '3' (2' ';' '3' >575' '1' 305' 0(18' . ;' (' 2: 4Q5<3$ 305' 2. : 18523' <. : 725' 3. ' 8'2<571' (18' 6 (?5' Q: 8 - 6 513' . ;' '3' '2' 3. ' 3: 71' 305' ,(18' (2' '3' 1. >' 23(182' '13. ' (' 2: 6' '1' -7. 22$ (2' ';' '3' >575' : E. 1' (' 2(,5$ (18' 305' 75132' ,'?5>'25' >'30' 305' (: - 6 513(3'. 1' '13. ' (' 2: 6' '1' -7. 22$ (2' ';' '3' >575' : E. 1' (' 2(,5$ (18' 3. ' <. ,,(35' 30. 25' 3>. ' 2: 6 2#

FF <2 21 3 < ; 2 " ; ; 1 " R Y F C

7.;'3(7'2J '1-3.305 #754:2 2'<23(13'J 4:2#

:31.>$ D % D ,(2305 $6(?52.;'3$305E7.;'3 '2;(7-75(357#

.7305E7.;'330(3305 $6(?52.;'0'2,(182.157(18452'852 305751322'2.; 1(3:752#

'152:E.1305 7515>.;,5(252:E.15GE'7(3'.1.72:7751857$ >** '2E7.E57:13.305 8565215,(182T

(18

57@:'2'352.; .:732$ >** (75E7.E57:13.305 2571'<52.7 7.9(,3'52#

.7305 ;.76657$,53 2.65 95(72 45<0.251'1 %$,'M(4530=2 3'65$ >051,5(252>575 2:;;5758 3.>5(7.:33.>(782(1518$ (18 2.(1.78'1(79E7.;'3>(2 6(85 49<.66'22'.1.;,5(252;.7 /95(72 (18 F ,'152:E.12:77518572$ (18 3(?5(' 658':6.;'30.25 95(72$ (18'3 >',,45;.:183.<.65 1.30'1-15(7305 2:6 >0'<0 >.:,8 0(15 7'251.;'30.25 30'1-2;.7>0'<0;'152>5753(?51$ ';' 305'7751320(84551 3754,58(2'2 1.>E7.E.:1858# :33(?5'3 (2305 5(25 1.>23(182$ (18 30(3E7.;'3 '2 2.2:;;.<(358>'30 ,51-30.;',5(252 (18 523(352:E.1523(352$ (2,'33,5E7.;'3.;'30(3 1(3:75>',,45 3(?51;.7 6(19 95(72#

18;.7 E57@:'2'352.; .:732$ 3059 6(9 45 253 .1 305,5;3 4(18;.7<(1?572.;'75151:5(18 1.3;558572.;'75151:5'(;.7 30575 0(30 4551 6(85 (' <.6E:3(3'.1.;'H 95(72.; ,'M(4530 I'M' ' H]*$ 49 >0'50''3 8.30 (EE5(7 30(3 305'75>(782$ >(-52$ (18 (,,.>(1<52$;.7305'-(3057'1-'.;'E7.;'32'.;'30(3'1(3:75$ 8'8 1.3 .1,9'87'1?:E(,,'305'E7.;'3 4:3<(23('85<756513:E.1305 7.>1 .;' "$T (18305<(25'2'1.3 6:<0 453357'1.>'2'1<5'0'2 (*#=^ 3'65#

G<5EJ 3'.12.;' 30'1-2 1.3 3.'45<.6J E7'258#

.7305 5G<5E3'.12$ 3(?5'3''1'75(2.1 3059 6:23 45* ,,'0'2 (4=^0.:252.;'(<<522$ >'30 2.65 2<.E5(18<.:135J 1(1<5.;'8565215(4.:3056# ,,';.75232# ,,'-75(3>(2352(18<.66.12# 0525 3>.'5G<5E3'.12.;';.75232(18>(2352 '0.,8 15<52J 2(79 1.3 .1,9'1'E.'13.;'0.1.:7.7 0'2 (*9^ E,5(2:75$ 4:3 45<(:25 0575(;357 -75(3'6E7.I5651326(9 45 6(85 .;' 3056$ (18 45<(:25 3059 <(11.3E7.E57,9 45,.1-'3.' 3'D'2E7.E.2'3'.1$ ';'(6(1.4257I5 '3 7'-03$;.7 30(3 3059 (75 30'1-2 1.3 I(,:58'1'305 75132>0'<0(75 1.>(12>5758T

/B/ AQ ' ' K 6 (' ' = ' # >>

(18' 30'2' E7.Q5<3' 5G3518530' 3.' 1.' 6.75' 30(1' 3.' '6E7.I5' (18' 5G3518' 75132#
,,' 3'6457' 37552' >0(32.5I57' (75' 3.' 45' 75257I58$' 4:3' 953' 3.' 45'2.,8' 49' (' 4(7-('1' (E(73' >'30'1' ('3'6 5I' ;.7' 1.' 6(1' >',' 518:75' 3.' 4:9',(18' >'30' (1' 5G<5E3'.1' .;' 37552' E57E53:(,#
,,' 305' E7'1<'E(,' 3'6457' E,.32' (18' E,(<52' 307.:-0.:3' 305' '1-8.6' >0'<0' (75'7'<0,9' E,(1358' >'30'3'6457' ;'3';.7' 0'2' # 1(I9' .7' .3057' 4:',8'1-2' (18' >.7?2# 0525' 3.' 45' 5G<5E358$' 7552' (18' .',#

.7' 305' 6(1(-5' .;' 30'2' 4:2'1522' ' >',,' 8'I'85' '3' '13.' F' E(732#' (1(-5' 05' :4,'<(3'.1' ' 305' 75(39' (18' (7-('1'I' (18'305' (:3'.12' (18' .;' '6'3(3'.12# 305'4:2'K
.7' 305' :4,'<(3'.1$' E7.<,(6(3'.12' '1' 6(3357' .;' 75I51:5' (18' :4''<(K E7.;'3$' ' 30'1?' 305' '1-' 0(30'75(2.1' 3.' 45' >5(79' .;# 059' (75' -7.>1' 3.' 45' 3(?51' (2' 6518'<(13' .;;572$' >0575(2' 30'2' .:-03' 3.' 45' 2.' <(77'58' (2' 7(3057' 6 51' 20.:,8' 45' 2:'3.72';.7' '3' 30(1' 0(I5' '3' E:3' :E.1' 3056$' '3' 45'1-' 2.' 6:<0';.7' 305'7'.>1'-..8' ' (18' 30575;.75' 1.3'<5' .:-03' 3.' 2:;;'<5$' >'30.:3' (19' 2E5<',' 20.>' .;' '1I'3(3'.1# 1.3'<5#

1' 305' .3057' 2'85$' '3' '2' 1.3' >'30.:3' 8';;'<:,39$' 0.>' 30'2' '1351J 3'.1' .;' 305' '1-' 20(,,' 45' E:4,'2058' >'30.:3' (' E'R.<,(6(3'.1$' 4:3' 5'3057' 305' E:4,'<(3'.1' >',,' 45' 3.' 2,.>' .7' 3.' 8'2(8I(13(-5'I' ;.7' ';' '3' 45' .1,9' 49' (' <.66'22'.1' 0575' (4.I5' -7(1358' 3.' E7'1<'E(,' <.6J 6'22'.1572' (18' 1.' 6.75$' 305' 1.3'<5' >',,' 45' 2.65>0(3' 2,.>'I' ';' E14,'20'1-' (18' 2'-1';'<(3'.1' .;' '3' 45' <.66'3358' 3.' :8'3.72''1' 305'7' '7<:'32'.7' 35>(782' (3' 305'7' .:732$' 3059' (75' 651' 1.3' 3.' 45' 37:2358$';.7' 3.' 3056' '3' '2' ' % ,' '3' E:,,2' 3056' 8.>1$' (18' 30575;.75' 3059' >',,' E.'2.1' '3' >0(3' 3059' <(1#
-('1$' 3.' >7'35' ,533572' 3.' 5I579' E(73'<:,(7';(765I' .;' ,(18' ' 30'1?' :43' 2.' <.1I51'513'I' ;.7';'723' '3' 852<5182' 3.' ,.>$' (18' 3051' '3' 8.30' -'I5' 3056' (',33,5' 3.' 6:<0'0.,8$' (2' ';' 305' # <.:,8'.7' >.:,8'85(,' >'30' 1.15' 4:3' 3056#
0575;.75' ' 0.,8' 305' 6.23' <.1I51'513' <.:725' .;' 1.3'<5' 3.' 45$ 30(3' (;357' 305' <.66'22'.1' '2' -7(1358' 0575' (4.I5$' ,533572' 45' >7'3351' ;7.6' 305' <.66'22'.1572' 3.' 2.65'3>.' .7' 30755' E(73'<:,(7' 2:;;'<'513' -513,5651' '1' 5I579' <.:139$' >'30' (' 1.35' 51<,.258' .;'3,'5' ;(765 72' (18' 351(132' .;' 305' '1-=2',(182' '1' 30(3' <.:139$' 75@:'7J '1-' 3056' 3.' -'I5' 1.3'<5' .;' 305' '1-=2' '13513'.1' (18' <.66'22'.1$' (2' >5,,' 3.' 305' ;(765 72' (18' 351(132' (2' 3.' -513,5651' 30(3' 0(I5' ,'I'1-2' (8Q(<513$' (18' .3057>'25' (2' 3059' 20(,,' 30'1?' ;'3#

>>

305 <(2:(,75I51:5.;" (7820'E2$ 'I57'52(18 ,'51(3'.12$
>0'<0 6:23 15582 -7.> :E.1 2. 6(19 15>351:752 <75(358#
F# 30'78 75(2.1 '2 30(3 '3 '2 ,'?5 3. 05 -..8 ;.7 305 <.66.1J
>5(,30$ (18 305 E(37'6.19 .;305 ?'1-8.6$ 45<(:25 651
>',, '6E7.I5$0:24(18 (18 6(1:75 305 ,(18 45335 >051
3059 (75 .>1572 30(1 1.> 30(3 3059 (75 4:3 ;(76572#

5(2.1!' (-('123 305 E7.E.2'J 3'.1 >'30 3''5 (1J 2>572# (/ &'$ %/6.4$1&,' %6%+1,& &'$ 8/(8(,+&+(1,' &'$/$ %/$ 4%10 %13 C$+6'&0

4Q# /# '723$ '3 6(9 45 '1 E.E:,(7 (<<.:13 3(?51 ;.7 ('8'20.1.:7 ;.7 305 '1-3.45<.65 1.6.75 (' '1-.;',(18 4:3 (' '1-.;'75132$ (18 3. 45 E:3 (2 '3 >575 3. 0'2 E512'.1 (18 23'E518$ >0575(2 8'I572 .;'0'2 2:4Q5<32 20(,,' 45 -75(3 ,.782 '1 856 5215 (18 257J I'<5#

52E# .'30'2''3 6(9 45 2('8$ 0(3 E.'13 .;'0.1.:7 6:23 -'I5 E,(<5 3. E.'13 .;'2:423(1<5T 0(3 305 =2 7.9(,3'52''1 752E5<3 .;' 51:752 20(,,' 45 6:,3'E,'58 (18 '1<75(258$ (18 1.3 8'6'1'2058 T 0(3 305 <.66(18 .;' .I575'-139 '2 .;'30(3 0'-0 1(3:75$ (2 '3 87.>1530 (,,' .3057 <.66(182$ (18 30575;.75 1558530 1.3 305 2:EE.73 .;' 30.25 E5339 <.66(182 .;'2:'3 3. .:73 (7.12 .7 305 ,'?5$ >0'<0 2:4Q5<32 6(9 45 -,(8 .;T 0(3 ;.7 305 6(3357 .;'856 5215$ ';'305 '1-=2 0.:252 .;'(<<522 (18 ,(182 (4.:3 3056$ ';'305 '1-=2 ;.75232 >(2352 (18 <.66.12 (18 E7'1<'E(,' 3'6457 E,.32 .;' 305 ?'1-J 8.6$ 45 75257I58 3.'0'6$;.7 305 7523 '3 >',,' 45 1.3 6:<0 .3057KK >'25 30(1 '3 '2 1.> ;.7 305 '1-75<5'I52 4:3 7513 1.>$ (18 20(,,' 75<5'I5 6.75 7513 3051 T 0(3 '1-2 '1 .3057 <.:137'52 8.1.3 6:<0 <.I53 .7 523556 3.45 -75(3 ,(18,.782 T 0(3 305 7.>1 >',,' ;',,' (-('1 >'30 ,(182 49 52<05(32$ (33('18572$ (18 305 ,'?5#

0Q# # 25<.18 .4Q5<3'.1'2# 0(3 ';'305 '1-.7'0'2 E.2357'39 20.:,8 0(I5 (19 5G37(.78'1(79 .<<(2'.1 3.7('25 6.159 49 2(,5 .;',(182 :E.1 (19 15<522'39 .7 '6E.73(13 (<<'8513 .;'523(35$ 05 20(,,' 1.3 45 (4,5 3. 8.'3# *=

52E# 0'2 >(2 ;:,,9 (12>5758 45;.75 T ;.7 :E.1 (19 2:<0 .<<(2'.1 305 2(,5 .;' 75132 >',,' 9'5,8 6.75 6.159 30(1 305 2(,5 .;' 305 2(65 ,(182$ (18 651 >',,' 45 (2 -,(8 (18 (2 75(89 3. 4:9 3056#

4Q# F# 05 30'78 .4Q5<3'.1'2# 0(3 (,30.:-0 '3 6'-03 45 -..8 ;.7 305 3'65 E752513$ 953 '3 6(9 45 E75Q:8'<5 3. 305 ;:3:75 3'652$ >051 E570(E2 ,5(252 >.:,8 >5(7 .:3T (18 ,(182 75I573 '1 E.22522'.1#

>> ' *) ' ' ' ' ' R + $' S

,'1-' .;' 0' '<0(7-5$ 20(,,' 305' ,522' 1558' 3.' 37. : 4,5' 0'2' E5. E,5' >'30' <. 137'4 : 3'. 1#

' S';' ' 25I5130' . 4Q5<3'. 1' 6 (9' 45# 0(3' 305' #';' 05' 25,,' (>(9' 305' 6 (1. 7' 20(,,' 1. 3' 45' (4,5' 0575(;357' 49',(>' 3.' '6E7. I5' 305' >(235$' 45<(: 25' 305' .,8' 23(3 : 35' -'I52' 305' '6E7. I5 6 513' : 13.' 305' .78#

52E# .' 30'2' R(12> 57' 30(3' 305' 23(3 : 35' 6 (9' 45' : 185723. . 8' .;' 305' .78' .;' 305' .',$' (18' 1. 3' 305' .78' .;' 305' (1. 7#' : 3' 3.' 3(?5' (>(9' (,,' 2<7 : E,5$' ' >'20' 30(3' >05752. 5I57' 30575' '2' (' >(235' . 7' <. 6 6. 1' 75257I58' 3.' 305' #' 30575' 20. : ,8' 45' 75257I58' 2.' 6 : <0' .;' 856 5215' (18' 257I'<52' (2' 20. : ,8' 1. 3' 85237. 9' '3' 3.' 45' (' 6 (1. 7#

-D' 05' 5'-030' . 4Q5<3'. 1' '2' 305' >5(?1522' .;' 305' 25<: 7'39$' 45<(: 25' 305' K'1-' <(11. 3' 752. 73' 3.' 305',(18' '1' 752E5<3' .;' 523(352' E75<5J 8513#

$,8' + '+,' +,' %1,C$/$3' -$)(/$

-D'< '$' 1+1&'' (-D$2&+(1' +,' &'$' 8(+1&' ()' 3+=+3$3' $,&%&$,;' C'+2''

-/$$3$&'' %' 8$/8*$@+&0;' C+&'' C'(4'&'$' ' , '%**' 3$%*

/ ! 0'2' '2',' ?5>'25' (12>5758' 45;. 75#

0: 2' 0(I5' $' (2' ' <. 1<5'I5$ 5 6 47(<58' (,,' 305' <. 12'857(3'. 12' >0'<0' ;(,,' '13.' 30'2' >5'-039' E7. E. 2'3'. 1$' >0575'1' 30. : -0' ' 0(I5' 5185(I. : 758' 3.' : 18.' 5I579' ?1. 3$' (18' 3.' 6 (?5' E,('1' 5I579' 8';;'J <:,39'1' 953' ' >. :,8' 45' : 185723. . 8' 30(3' '(6'7(3057' E'R. I'851 3' (18' 8','-513' 3.' 6 (?5' 305' 4523' .;' 305' E7. E. 2'3'. 1' 30(1' <. 1;'851 3.' E572 : (85' '3#!

05' -5157(,' 0 : 13' ;. 7' >(92' (18' 65(12' .;' '6E7. I'1-' 305' 75I51 : 5' ,58' 3.' (1' 5G(6'1(3'. 1' .;' 305' <. 18'3'. 1' .;' 305' 75(3' 1762' .;' : 2J 3. 62' (18' '152W '1' 4. 30' >0'<0' '3' >(2' (,,5-58' 30(3' 305' 7. >1' 0(8' 4551' 85<5'I58' 'E' '32' 4(7-('1# 05' .78' 0(1<5,,. 7' (18' 305' (7,' .;' .730(6E3. 1' >575' (EE. '1358' 3.' 51@ : '75' '13.' 305' @ : 523'. 1' (<. 1' (18' 57-5(13' . 13(-:' 3.' (22'23' 3056#

. 730(6E3. 1$' 1. >' 305' E7'1<'E(,' 658' : 6' .;' <. 6 6 : 1'<(3'. 1' 45J 3>551' 305' . : 1<',' (18' 305' . : 73$' 2556 2' 3.' 0(15' 4551' 45-'11'1-' 3.' ;'18' 3D'5' I(,: 5' .;' (<. 1' '1' 2 : <0' 257I'<52$' ';' >5' 6 (9'Q : 8-5' ;7. 6' 305' E('12' 05' 3. . ?' A30575' 45'1-' 1.' . 3057' 4. 18' .;' (,,'(1<5' 453>551' 3056 D' 3.' 47'1-' 0'2' 657'32' : 1857' 305' E572. 1(,' 1. 3'<5' .;' 305' '1-# 1' (' ,53357' 3.' .<052357' . 1' 30'2' 2 : 4Q5<3$' >7'3351' (EE(7513,9' . 1' 305' 30' .;' <3. 457$' 05' 2(92 \

* 3' '2 253' 8. >1' '1'305' 75E. 73' .;' 305' : 47<. 6 6'52'. 1572' : 15' /B/F$' (6. 1-' 305' N' E7. Q5<32' 1. 3',' ?5,9' 3.' E7. I5' >5,,#P' 55' 305' 15G3' .,'(E357#

1.' 3>.' 95(72' .7' .3057' 756 1(13' .;' 3576' 953' <.13'1:'1-' '1' 3056' (2' >(2' '6(-'158$ >5' <.1<5'I5' 30(3' 9.:7' #'2'1.3' .1,9' (3','45739' '1' 0.1.:7' 3.' 475(?' >'30' 3056' 3.:<0'1-' 305',5(25' '1351858' 3.' 45' E(2258' :13.' 3056' A>0'<0' >513' 1.';:73057' 30(1' 9.''7' ',,' 2'-158D$ (18' 2.' 34' 3(?5' 9.:7' 4523' .;;571' 4:3' (,2.' 30(3' 9.:7' #0(30'-75(3' <(:25' 3.' <(,,' 3056' 3.' (<<.:13' ;.7' 305' 3'6 5' E(23#

18' 3.' -'I5' 9.:7' #('3(235' .;' 305' 1(3:75' .;' 305' 85<5'3$ >5' 30'1?' 305' ' >(2' 305' 6 5(2:75' .;' 9.:7' #7513$ 0(8' 30755' 1.3(4,5';(,2'3'52# .7''3' >(2'<(23':E' (<<.78'1-' 3.' 95(72' >0'<0' >575' 1.3' '18';;57513' '3' >(2'<.,,5<358' >'30' .6'22'.12' .;' 8'I572# 6 57<0(18'252$ (2' >5,,' 3051' '1' 37(85' (2' 2'1<5' 15>,9' 2E7:1-' (18' 47.:-03' '1':25' A305',(3357' >0575.;' 30.:-0' 3059' <.:,8' 1.3' 45' E:3' 3.' 305' ,' 45'1-' 1.3' 3051' '1' ,' 953' .:-03' 3059' 3.' 0(I5' 4551' E7.I'858' ;.7' 49' (' -5157(,' <.I51(13D' (18' ,(23,9' (18' <0'5;,9$ '3' >(2' 6(85' :E.1' 305' .,8' 7(352$ >0575(2' 4.30' 305' E7.;'3' 3059' 0(I5'3(?51';7.6' 305' 6 57<0(13' (18' 305'(,,.>(1<52' (18' 85;(,<(3'.12' >0'<0' 3059' 0(I5' 0(8';7.6' 9.:7' (U9$ 0(I5' 4551' (<<.78'1-' 3.' 305' 15>#.' (2' 305' 75<3';9'1-' .;' 30'2' ' (<<.78'1-' 3.' 305' 37:30' A>0'<0' >5' (75' 1.>#(4.:3D' >',,' '1' 15' 45' 4.30' (' -7.:18' 0.>' ;(7' 3.' <0(7-5' 3056' ;.7' 305' 3'6 5' E(23$ (18' (' 8'75<3'.1' 0.>' 3.' 253' 305' ;(76' (3' 30'2' 3'6 5#

.7' 305',5(25' .;'305' '152$ 05,E'1-' .:725,I52','?5>'25' 49' 305' '1;.76(3'.1' .;'9.:7' 2('8' .:125,$ >5';'18' 20.73,9' A1.3' 3.' 37.:4,5' 9.:7' #>'30' 305' E(73'<:,(7'3'52' .;' 305' 85<5'32D' 30(3' ' ' 30(3' 49' <:11'1-' (18' <'7<:6 I513'.1' 3059' 0(I5'-.3351' C' 15>' 95(72' 452'852' 30.25' 3059' 0(8';7.6' 6 9' #.;' 51.120'75' A;.7' 305' <.1;'76(3'.1R>0575.;''3' 2556530' 3059' E('8' 2.65' 26(,,' 6(3357D$ >'30.:3' (19';'15' E('8I' >'30.:3' (19' 7513' '6E7.I58I' >'30.:3' (19' <.12'857(3'.1' .;'K6 57'3' .7' 257I'<5' 6575,9' 49' 37'<?2' (18' 20';32' W >0'<0' C' 95(72' 45'1-' 3.' 45-'1' (4.:3' ' 95(72' 051<5$ (75' 1.3' 1.>',522' >.730' 30(1';';39' 30.:2(18' E.:182$ (18' >575' A>051' 3059' 3..?' 3056D' >5,,' >.730' ;'I5' (18' 30'739' 30.:2(18' E.:182I' ;.7' >0'<0' 8(6(-5' (18' ;7(:8' >5' <.1<5'I5' 9.:7' # 6(9' 0(I5' 75,'5;' 49' <.:725' .;' Q:23'<5' '1' 5@:'39$ 3.' <(,,' '1' 305'7' ,5(25#

5';'18' (,2.' 49' 305' .E'1'.1' .;' 9.:7' 2('8' .:125,$ 30(3' 305'7' ,5(25' 6(9' 45' .I57307.>1' 49' ,(>$:E.1' 8'I572' E.'132' W >0'<0' 45'1-' .E5158' :13.' :2$ >5' <.1<:7' '1' 305' 2(65' .E'1'.1I' :E.1' >0'<0' E.'132' 30.:-0' >5' ?1.>' 9.:7' #>.:,8' 1.3' 3(?5'(8I(13(-5' ';'30575' >575' 1.' 6.75I' .' ;.7' 305' 75I572'1-' .;' 30(3' >0'<0' >(2

>"

7':<5 .(305 B30 .; .I56457E75I51358 0'6 4:3 305 ,53357 0(2 4551 E75257I58# ;('<.E9 .;'3$ '1 305 0(18 .;305 37(12<7'457 .;'$ 305 6(1:2<7'E3 I.,:65 .; 22(92*>0'<0 0(I5 852<7'458 '1 69 58'J 3'.1 .;305 '357(79 .7?2 AI.,# '# E# F D$ 6(9 45 2551 (6.1-305 88'3'.1(, # '1 305 7'3'20 :25:6$ I.,# H L' (18 305 >(357J 6(7? .;305 E(E57 20.>2 30(3 '3 .7'-'1(,,9 45,.1-58 3.30(3 I.,:65# 0575;.75$ 30.:-0 '3 '2 >'30.:3 2'-1(3:75$ (18 30.:-0 30575 (75 1. 6(7?2 .; (<.1=2 .>1 0(18 :E.1 30'2 .15 ,5(;$'3 6(945 2(;5,9 (<<5E358 1.3 .1,9 (2 :18.:4358,9 (:30513'<$ 4:3 (2 305 ,(23 (18 4523 <.E9#

. 2 (" 9 3 2C 2<<2 1 2 , 15 % 2 "; E ,/ 3):, * % 0 2 % * +,/ ,%K

3 6(9 E,5(25 9.:7 '-01522$

(I'1- 8'I'858 69 ,';5 '13. 305 <.1356E,(3'I5 (18 (<3'I5 E(73$ (6 852'7.:2 3. -'I5 0'2 (Q5239 (18 9.:7 '-01522 .; 305 ;7:'32 .; 4.30$K 2'6E,5 30.:-0 3059 45#

. >7'35 Q:23 375(3'252 75@:'7530 ,5'2:75 '1 305 >7'357$ (18 ,5'2:75 '1 305 75(857$ (18 30575;.75 (75 1.3 2. ;'3$ 15'3057 '1 75J -(78 .;'9.:7 '-01522 E7'1<5,9 (;;('72$ 1.7 '1 75-(78 .; 69 <.1J 3'1:(, 257I'<527 >0'<0 '2 305 <(:25 30(3 0(30 6(8@ 65 <0..25 3. >7'35 <573('1 47'5;'1.352$ 253 8.>1 7(3057 2'-1';'<(13,9 30(1 <:7'J .:2,9$ >0'<0 0(I5 <(,,58 ' - 05 >.78 '2 ,(35$ 4:3 305 30'1-'2 (1<'513# .7 515<(=2 5E'23,52 3. :<',':2$ ';.15 6(7? 3056 >5,,$ (75 4:3 ' - ,'30(3 '2$ 8'2E57258 6 58'3(3'.12$ 30.:-0 <.1I5958 '1 305 ;.76 .;5E'23,52# 0525 ,(4.:72 .; 6'15 ?1.> <(11.3 45 >.7309 .;9.:7 '-01522$;.7 >0(3 <(1 45 >.7309 .; 9.:'j :3 69 0.E5 '2$ 3059 6(9 45 (2 -7('12 .;'2(,3$ 30(3 >',, 7(3057 -'I5 9.: (1'(EE53'35'30(1 .;;518 9.:'>'30 2(3'539# 18 (,30.:-0 3059 0(18,5 30.25 30'1-2 >0575'1 4.30 651=2 ,'I52 (18 305'7 E512 (75 6.23 <.1I572(13$ 953 A>0(3 0(I5 (33('158 ?1.> 1.3D 4:3 0(I5 5185(I.:758 3. 6(?5 3056 1.3 I:,-(7$ 4:3 .; (1(3:75 >0575.; (6(1 20(,, ;'18 6:<0 '1 5GE57'51<5$ (18 ,'33,5 '1 4..?2 2. (2 3059 (75 15'3057 7!53'3'.12 1.7 ;(1<'52# :3 0.>2.5I57$ 20(,, 6.23 0:64,9 852'75 9.:7 '-01522 3. (<<5E3 3056 '1 -7(<'.:2 E(73$ (18 3. <.1<5'I5$ 30(3 '; <(11.3 7523$ 4:3 6:23 205> 69 8:3';:, (18 85I.358 (;;5<3'.1 3. 9.:7 '-01522 '1 30525 30'1-2 >0'<0 E7.<558 ;7.6 6925,;$ 20(,, 45 6:<0 6.75 75(89 3. 8. '3 '1 E57;.76(1<5 .; (19 9.:7 E7'1<5,9

(7,# # # V 88'# # H L$;# / #

<. 6 6 (18 6 5132# 18 2. > '20'1- 9 . : 7 '-01522 (,, E7'1<5,9 ;5,'<'39 7523$

. : 7 '-01522=2 6 . 23 0 : 6 4,5 257 I (13#

05 7'1<5 0'6 25,;' 45'1- 756 . I58 459 . 18 305 75(<0 . ;' 522(92 (18 858'<(3' . 12 (18 (,,' 0 : 6 (1' 257 I'<52$ '3 756 ('158 ; . 7 (<. 1' 3 . ' 8 . ' (' 2 6 (,,' 257 I'<5 3 . ' 0'2 6 5 6 . 79 A'1' >0'<0 305 2 : 7 I ' I '1- ' > . 7,8 0(8 (1' '1357523D 49 2533'1- ' 8 . >1' (' 75 6 5 6 47(1<5 . ;' 0'2 <0(7(<357# 2 05 >7 . 35 '3' '1' (3'1$ (18 6 (85 1 . ' . 3057 : 25 . ;' '3 2 . ' ;(7 (2 >5 ?1 . >$ '3 0(2 4551 <. 1Q5<3 : 758 >'30 -75(3 E7 . 4(4','39 30(3 05 6 5(13 '3 ; . 7 5 0 . : ' 3 . ' : 25 '1' 0'2 0'23 . 79# 3' '2 (' <(75; : ;'#23 : 89 . ;' 305 6 (1 \ ' (1' (335 6 E3 3 . ' 852<7'45 . 7 6 (?5 . : 3 >0(3 05 >(2 > . 730 (18 >0(3 05 >(2$ 49 8','-513 5G(6 '1(3' . 1' . ;' 2 : <0 E572 . 1(,' 37('32 (2 0(8 <. 65 >'30'1' (<. 1-2 . 4257 I(3' . 1' . 7 ?1 . >,58-5 (18 30 . : -0 20 . 73$ <. 1J 3('12 (,,' 30(3 >5 <(1' 45 2('8 3 . ' ?1 . >' (4 . : 3 0'6# 5 0(15 1 . ' (<<. : 13 . ;' 0'6 ';7 . 6 (19 . ;' 0'2 ';(6 ','(72$ ';' 05 0(8 (19# 05 2(9'1-2 . 7 8 . '1-2 >0'<0 0(15 4551 75<. 7858 . ;' 0'6 (75 ;5>' (18 . ;' 1 . ' -75(3 2'-1';'<(1<5# 18 305 I(-: 5 (18 ;5(3 : 75,522 5 : , . -'52 '1' >0'<0 0'2 6 5 6 . 79 >(2 <5,547(358 (3 305 3'6 5$ (18 >'30 >0'<0 0'23 . 79 2556 2 3 . ' 45 23',' <. 1351 3$ 35,,' : 2 1 . 30'1-' 4 : 3 30(3 E5 . E,5 . ;' (,,' <,(2252 0 . E58 -75(3 30'1-2 . ;' 0'6 RM >0'<0 >(2 (1' '151 I'3(4,5 '1<'851 3 . ;' 0'2 E . 2'3' . 1# 7 . 6 (' >5,,' <. 18 : <358 (18 E572 . 1(4,5 E7'1<5 . ;' /L$ >0 . ' 0(8 15157 0(8 (1' . EE . 73 : 1'39 . ;' 51-(-'1-' '1' (19 E : 4,'< (<3' . 1' 30(3 <. 1,8 -' I5 5'3057 2(3'2;(<3' . 1' . 7 . ;;51<5$ 51579 6 (1' <. : ,8 0 . E5 >0(3 05 E,5(258$ (18 5(<0 0 . E58 >0(3 05 >'2058# ;' 0'2 47 . 3057 0(7,52 0(8 8'58 45;. 75 05 >(2 $ 0(15 ,'33,5 8 . : 43 30(3 05 >. : ,8 0(15 8'58 >'30 (2 -5157(,' 75-753$ (18 30(3 305 ;('7523 0 . E52 . ;' 305 <. : 1379 > . : ,8 (2 -5157(,,9 0(15 4551 30 . : -03 3 . ' 0(15 8'58 >'30 0'6# (<. 1' >(2 15157 '1' (19 '13'6 (35 75,(3' . 1' >'30 7'1<5 5179$ 4 : 3 05 0(8 . ;' <. : 725 23 : 8'58 0'6 8','-513,9 (18 <: 7' . : 2,9 (<<. 78'1-' 3 . ' 0'2 . EE . 7J 3 : 1'3'52$ (18 '1' 30'2 E(E57 >5 0(15 (#; : ,,$ (18 3 . ' (,,' (EE5(7(1<5 (' <(18'8 (18 : 175257158$ 75E . 73 . ;' 305 752 : ,3 . ;' 0'2 23 : 89# 3' >',,' 45 ; . : 18 (6 . 1-' 305 '357(79 . 7?2$ I . ,# '# E# F/L$ >'30 (' 37(12,(3' . 1$ (18 (' E75;(<5#

C#

05 2(65 5E'85 6 '< 3 . ' >0'<0 7'1<5 5179 ;5,;' (' I '<3' 6 ' A305 7(3057 45<(: 25$ >'30 (' 9 . : 1-' 6 (1=2 85;'(13 <. 135 6 E3 ; . 7 ',,1522$ 05 15-,5<358 3 . ' 3(?5 . 78'1(79 <(75 . ;' 0'6 25,;D 6(85 (' ;7520 I(<(1<9 '1' 305 (2357J 20'E . ;' 305 (782$ (18 -(15 .<<(2' . 1' 3 . ' 305 . 1,9 ,53357 >0'<0 '2 ?1 . >1' 3 . ' 0(15 E(2258 453>551 (<. 1' (18 . <0523571 (' ,53357 >0'<0 '2 <0'5;,9 '1357523'1-' ; . 7 305 (4251<5 . ;' 5157930'1-' 30(3$ (<<. 78'1-' 3 . R

305 <. 6 6 . 1 I '5> . ;' 0'2 <0(7(<357$ 6 '-03 0(I5 4551 5GE5<358 '1 (
,53357 3 . 305 6 (1 >0 . 0(8 4551 305 '1 -=2 E572 . 1(, ; (I . : 7'35 ; . 7
6 (19 95(72$ (18 0(8 -75(357 '1;, : 51<5 > '30 0' 6 1 . > 30 (1 5157 45; . 75#
'7 5 . 7 - 5 (759$ >0 . 0(8 4551 6 (85 (2357 . ;' 305 (782 '1 : 15
A2 . 6 5 > 0(3 3 . 305 8'2(EE . '13 6 513 . ; (<. 1 >0 . 0(8 5GE5<358 305
E, (<5 0' 6 25, ; D$ 8'58 . 1 305 / F30 . ; . I 5 6 457$ N . ; '30 '2 15> 8'25(25$P
2(92 0(6457, ('1$* \ (18 (<. 1 >7. 35 305 ; . ,, . > '1 - , 53357

. ' $# # ' ' # ' ' ' ' '
' , ' 2 ' # # #!'

'3 6 (9 E, 5(25 9 . : 7 - . . 8 #

0'2 (235720'E . ;' 305 (782 '2 , '?5 (' 6 '23# . 6 53' 6 52 '3
- . 530 : E > (782$ (18 2 . 6 53' 6 52 '3 ; (, , 530 8 . > 1 > (782# ; ' '3 - . '
: E 3 . ' - 75(3 . 782$ 3051 '3 '2 (2 '3 > (2 (3 305 ; '723I ' ; ' '3 ; (, ' 8 . > 1
3 . 6 5(1 6 51$ 3051 '3 '2 (2 '3 > (2 (3 !305 , (23# : 3 15'3057 . ;'
30525 > (92 <. 1<571 6 5 '1 E(73'<: , (7# : 3 '; ' '3 20 . : , 8 '1 ('
6 '88, 5 75 - '. 1 ' - . ' 3 . ' , (> 9572$ 3051 ' 45255<0 9 . : 7 # 0(I5 2 . 6 5
<(75 . ;' 6 5# 05 33 . 7159 (18 305 . , '<'3 . 7 (75 (2 305 '1 -=2
<0(6E' . 12 ; . 7 <'I ', ' 4 : 2'1522$ (18 3059 0(8 1558 0(I5 2 . 6 5 E, (<5
. ;' 7523 '1 305'7 595 ; . 7 305'7 51<. : 7(-5 6 513# 05 (235720'E
. ;' 305 . ,, 2$ > 0'<0 > (2 305 . 78'1(79 E, (<5 ?5E3 ; . 7 3056 $ '2 - . 15
;7. 6 3056 # ;' 30'2 E, (<5 20 . : , 8 - . ' 3 . ' (' , (> 957$ (18 1 . 3 3 . '
3056 $ 305'7 0 . E52 6 : 23 8'6 '1'20# 0 : 2 ' 7523
. : 7 E=2 (; , 5<3' . 1(35
3 . ' 8 . ' 9 . : ' 0 : 6 4, 5 257I '<5
; % ' #

0(3 51<. : 7(-5 6 513 (<. 1 75<5'I58 . 1 30'2 . <<(2' . 1 >5 8 . ' 1 . 3
?1 . >$ 4 : 3 '3 '2 2('8 . 1 - . . 8 (: 30 . 7'39*' 30(3 05 >(2 2 . ' <. 1; '8513 . ;'
305 E, (<5 30(3 05 4(8 N E : 3 6 . 23 . ;' 0'2 651 '13 . ' 15> <, . (?2 P '1 (1J
3'<'E(3' . 1 . ; 'K '3# -('1 0 . >5157 05 >(2 8'2(EE . '1358# 3 >513
(-('1 3 . ' (' 65(1 6(1# N 6 . 1 - 6(19 2 : '3 . 72 ; . 7 305 E, (<5 A2(92
0(6457, ('1$ <> E ' ' ' ' 05(78 ; . 7 <573('1 9523578(9 30(3 '7
(, 357 . E5 0(2 - . 3351 305 -7(13 . ;' '3# ' 0(I5 '3 ; 7. 6 . 15 30(3
05(78 0' 6 25, ;' 2E5(? '3 . 1 : 528(9 3 . ' 305 7, ' . ;' (, '24 : 79# ; ' '3
; (, ' . : 3 2 . ' 20(, ' 6(7I5, ' (3 305 , : <? . ;' 305 30'1 - $ (18 ';' 305 3> . ', (23

[/L . 9# /B/ # . : 73(18# '652 . ;' 3; (652 #$ '# E# #
' # # . 6# (652 #$ I . ,# GG'# 1 . # FH# 7' - '1(, $. >1 4(18# . ' 8(35#
' 7# (>, 59=2 . 6 6 . 1E, (<5 4 . . ?# ' '7 7(1<'2 (<. 1 <573('1, 9 5GE5<3'1 - '
305 E, (<5 0(8 E : 3 6 . 23 . ;' 0'2 651 '13 . ' 15> <, . (?2# ; 357 > (78 > 051 '7 (, 357
. E5 <(77'58 305 E, (<5$. 15 2('8 6577', 9 30(3 '7 (, 357 > (2 (2357 . ;' 305 (782
(18 '7 7(1<'2 (<. 1 . ;' 305 'I57'52#P , p3# (18 7 . ;# . 7?2$ ''#=E# / #

/B/ #a % = FHF

75(2:7572 <.:,8 ,..? .:3 .;305'7 -7(I52 3.255 30525 2:<<522.72 '1 30(3 E,(<5$ 30'1? 3059 >.:,8 45 .:3.;<.:1351(1<5>'30 3056 25,I52 (18 2(9 3.305 >.7,8 0 t2!

05 85(30 .;305 7'1<5$.<<:77'1-.1,9 30755 >55?2 (;357K 305 (7J 7'I(,.;305 .:13 (,(3'15$ 15<522(7',9 E.23E.158 3,!5 6(77'(-5 (18 E7.,.1-58 0'2 I'2'3# :3 305 85,(9 >(2 (257'.:2'1<.:I51'51<5 '1 305 3051 23(35 .;305 G<05@:57$ (18 305 E57'.8 .;6.:71'1-> (2 6(85 (2 20.73 (2 305<:23.62.;305 3'6 5 E576 '3358# 05 6(77'(-5 >(2 <5,547(358 .1 305 /H30 .; 547:(79 /B/ KF$ >'30 305 :2:(, 37':6 E02 (18 75Q.'<'1-2$ \ ;'75K>.7?2$ 20(6 ;'-032 :E.1 305 >(357$ 6(2@:52$ 7:11'1-(3 305 7'1-$ (18 305 7523.;''3 <.1<571'1-> 0'<0 '3 >.:,8 1.3 0(I5 4551 15<522(79 3. 2(9 (1930'1-$ >575 '3 1.3 30(3 (<.1 3..?(E7'1<'E(,E(73 '1 305 E75E(7(3'.1.;.15.;305 6(2@:52# 0'2 >(2 305 Q.'13 6(2@:5 E75251358 49 305 -513,56 51.; 7(9=2 11 (18 305 ,:157 56E,5$ >7'3351 49 7(1<'2 5(:6.13$ (18 E7'1358 20.73,9 (;357 >'30 305 ;.,,.>'1-858'<(3'.1#

. , ; , " (2 ./' "< "1 92 21 <' 3 2' 91 H2' 3<2 1 23' , ';' 2' 2 <5 << 23 "4 2 ';' 9% ./' 3 2 21 , (<2 2 21 , $,' 0' 9% ./'

5 30(3 2E(758 1. E('1 1.7 37(I('; '1 305 2533'1-;.730$ .7857'1-$ (18 ;:71'20'1-.;30'2 (2@:5$ A45'1-305;'723;7:'32'.;0.1.:7'1 30'2?'18 >0'<0 30525 3>.2.<'53'52 0(I5 .;;5758 3. 0'2 (Q5239D$ >',,1.3 30'1? 6:<0 1.>3.,..? 4(<? :E.1 305 5;;5<32 .;9.:7.>1<(75 (18 >.7?1;.7 30(3$ >0575.;305 2:<<522 >(2 3051 8.:43;:,$ '2 1.>0(EE',9 E57;.7658 (18 -7(<'.:2,9 (<<5E358 (18 30(3 >0'<0 9.: >575 3051 3.30'1?.;'1 237('32 .;3'65$ 9.: 6(9 1.> E57:25 (3 ,5'2:75 (18 9.:$ '7 7(1<'2 (<.1$ 52E5<'(,,9$ (2 9.:8'8 3051 49 9.:7<.:1351(1<5 (18 ,.I'1-(;;5<J 3'.12 (8I(1<5 '3$ 2.,53 9.:7 -..8>.78 -7(<5 '3 (18 85;518 '3$ >0'<0 '2 (4,5 3. (88 I(,:5 3. 305 -75(3523 (18 ,5(23 6(33572#

3 '2 5(29 3. 45,'5I5 30(3';' (<.1 3..? (1 (<3'I5 E(73 '1 305 E75E(J 7(3'.1 .;('30'1-.;'30'2?'18 '1 305 2:<<522.;>0'<0 05 ;5,3 (1 '1357523$ 05 >.:,8 0(I5 (-..8 85(,3. 2(9 (4.:3 (,,305 (77(:-56 5132#:3 (2 >5 0(I5 1. 65(12 .;?1.>'1-> 0(3 05 8'8 2(9$ (18 3057549 ,5(71'1-2.6530'1-(2 3. 0'2 3(235 '1 30'2 85E(736 513 .;(73$ '3 >',,45 51.:-0 3. -'I5 (-5157(,((<<.:13 .;305 E57;.76(1<5 (2 852<7'458 49 (<.1J 356E.7(79 >'31522#

1 :528(9 A2(92 0(6457,('1$ >7'3'1-.1 305 30'.;'547:(79 /B/FKF0 * # # .7(# (652 #$ I.,# GG'# 1.# F #

23(-5‘ (77(1-56 51328‘ 6(9‘ 45‘ 2551‘ '1‘ (19‘ 58'3'.1‘ .;‘ 5(:6.13‘ (18‘ ,53<057#‘ .7‘ >0(3‘ (<.1‘ 0(8‘ 3.‘ 2(9‘ (4.:3‘ 2:<0‘ 30'1-2$ 255‘ 0'2‘ 22(9‘ .1‘ (2@:52‘ (18‘ 7':6E02‘1‘ >0'<0‘ >(2‘ I579‘ ,'?5,9‘ 2:--52358‘ 49‘ 305‘ <.12'857(3'.1‘ 05‘ 0(8‘ 3.‘ 4523.>‘ :E.1‘ 30'2#

L#

$ '1‘ 30525‘ 8(92$ >051‘ (194.89‘ 6(9‘ E:4,'20‘ (19‘ .E'1'.1‘ (4.:3‘ E:4,'<‘ 6(33572‘ >'30.:3‘ ;5(7‘ .;‘ >.725‘ 30(1‘ 7'8'<:,5‘ .7‘ 8'2,'?5$ '3‘ '2‘ 1.3‘ 5(29‘ 3.‘ '6(-'15‘ (‘ >.7,8‘ '1‘ >0'<0‘ 305‘ E:4,'<(3'.1‘ .;‘ (‘ ;(,25‘ .E'1'.1‘ >(2‘ 05,8‘ 3.‘ 45‘ (1‘ .;;51<5‘ (18‘ ;.74'8851‘ :1857‘ E51(,3'52#‘ 05‘ ;:3','39‘ .;‘ (,,‘ (335 6 E32‘ 3.‘ 2:EE7522‘ 577.7‘ 49‘ (:30.7'39‘ 0(2‘ 4551‘ 2.‘ >5,,‘ 523(J 4,'2058‘ 49‘ 5GE57'51<5$ 30(3‘ >5‘ 0(I5‘ <.65‘ 3.‘ 75-(78‘ 05‘ (335 6 E3‘ '325,,‘ (2‘ '6 6.7(,#‘ 1‘ .E'1'.12$ (2‘ '1‘ 37(85$ >5‘ 0(I5‘ ,5(7158‘ 30(3‘ '1357J ;5751<5‘ '2‘ 6'2<0'5I.:21‘ (18‘ 305‘ .1,9‘ 577.7‘ >0'<0‘ >5‘ <(11.3‘ 3.,57(35‘ #'2‘ 305‘ 577.7‘ .;‘ E:33'1-‘ 75237'<3'.12‘ .1‘ 305'7‘ ;7558.6‘ .;‘ 85I5,.E6513# .>‘ '1‘ 305‘ 45-'11'1-‘ .;‘ 305‘ /C30‘ <513:79‘ 30'2‘ >(2‘ 1.3‘ 305‘ 8.<37'15‘ .;‘ (19‘ E(739$ .7‘ E7.4(4,9‘ .;‘ (19‘ E572.1#‘ 05‘ <0(6E'.12‘ .;‘ ,'45739‘ >575‘ @:'35‘ (2‘ ;.7>(78‘ (2‘ 305‘ <0(6E'.12‘ .;‘ (:30.7'39‘ '1‘ ;.74'88'1-‘ 305‘ :3357(1<5‘ .;‘ .E'1'.12‘ >0'<0‘ 3059‘ 30.:-03‘ >.:,8K8.‘ 0(76#‘ ;‘ (‘ '20.E‘ E:4,'2058‘ (‘ 4..?‘ '1‘ >0'<0‘ 305‘ E7.<558'1-2‘ .;‘ 305‘ .:25‘ .;K‘ .66.12‘ >575‘ 8'2<:2258‘ (18‘ <512:758‘ A:1Q:23,9‘ '1‘ 305'7‘ .>1‘ .E'1'.1D$ (,,‘ 4:2'1522‘ >(2‘ 2:2E51858‘ 3',,‘ 05‘ (18‘ 0'2‘ 4..?‘ 0(8‘ 4551‘ 8'2(I.>58‘ (18‘ 754:?58$ (18‘ (‘ ;.76(,‘ 2:46'22'.1‘ (18‘ (E.,.-9‘ 5G3.7358‘ ;7.6‘ 0'6#*‘ ;‘ (‘ 7.;522.7‘ .;‘ 'I',‘ (>‘ E:4,'2058‘ (‘ ,(>K8'<3'.1(79‘ N‘ >0575'1‘ >(2‘ 253‘ ;.730‘ 305‘ 37:5‘ 65(1'1-‘ .;‘ (,,‘ .7‘ 305‘ 6.23‘ E(73‘ .;‘ 2:<0‘ >.782‘ (18‘ 3576 2‘ (2‘ (75‘ 6513'.158‘ '1‘ 305‘ ,(>‘ >7'3572‘ .7‘ 305‘ 23(J 3:352‘ .;‘ 30'2‘ I'<3.7'.:2‘ (18‘ 751.>158‘ ?'1-8.6$ 75@:'7'1-‘ (19‘ 5GE.J 2'3'.1‘ .7‘ '1357E753(3'.1‘ (18‘ ';‘ '3‘ >575‘ ;.:18‘ 30(3‘ 0'2‘ 8501'3'.1‘ .;‘ 2:<0‘ >.782‘ p G ,‘ ,‘ * ,‘ ,‘ '6E,'58‘ ,5-(,‘ 8.<37'152‘ '1<.12'23513‘ >'30‘ 305‘ E7'I',5-52‘ .;‘ 305‘ .:25‘ .;‘ .66.12‘ (2‘ '1357E75358‘ 49‘ 3056 25,I52‘1‘ 30575‘ >(2‘ 1.‘ E5(<5‘ :13',‘ 305‘ '1-‘ 0(8‘ '22:58‘ (‘ 7.<,(6(3'.1‘ ;.74'88'1-‘ (,,‘ 651‘ 3.‘ 4:9‘ 25,,‘ .7‘ 75(8‘ 305‘ 4..?$ <.66(18'1-‘ 5I579‘ 6(1‘ >0.‘ 0(8‘ (‘ <.E9‘ 3.‘ -'I5‘ '3‘ :E‘ 3.‘ 305‘ 15(7523‘ E572.1‘ '1‘ (:30.7'39$ (18‘ E7.6'2'1-‘ 3.‘ 5G57<'25‘ 3051<5;.7>(78‘ (‘ 237'<357‘ <512.720'E‘ .;‘ 305‘ E7522‘ '1‘ 6(33572‘ <.1<571'1-‘ 305‘ ,(>2‘ (18‘ 305‘ -.I5716513#*‘ ;‘ (1‘ .,8‘ -513,56(1$ '1‘ 2E5(?'1-‘ .;‘ 305‘ '1-‘ (18‘ %:551‘ .;‘ .056'($ (3‘ (‘ 3'65‘ >051‘ 305‘ 1(3'.1‘ >(2‘ '1‘ 5G<'35651 3‘ (18‘ 305'7‘ <(:25‘ E.E:,(7$ 0(8‘ 305‘ '18'2<753'.1‘ 3.‘ :25‘ (‘ <.1356E3:.:2‘ 5E'3053$ >0(3‘ >(2‘ 3.‘ 45‘ 8.15‘ j‘ 5‘ 0(8‘ 3.‘ 45‘ 0(1858‘ .I57‘ 49‘ 305‘ .:25‘ .;‘ .66.12‘ 3.‘ 305‘ .:25‘ .;‘ .782$ 30575‘ ;.76(,,9‘ <0(7-58‘ 49‘ 305‘ 33.7159‘ 5157(,‘ >'30‘ 1.3.7'.:2‘ 6'28565(1.:72‘ (18‘ 0'-0‘ E75K

/B/ #d # '(# >

E7'1<'E(,' E.73'.1 .;' 305 2:7539$ -75(31522$ (18 751.>1 .;' ?'1-' (18 ?'1-8.6$ (18 30575;.75 1.3 ,'?5 :13.' (.61''22'.:' .;' .957 (18 85357 6'157$ .7 .3057 2:<0 .78'1(79 .66'22'.12#

5<.18,9 '3 >(2 .4257158 49 0'2 (U9=^ .:125,'30(3 '1'30'2 5(25 30575 >(2 (1.3057 E.'13 .;'8';;5751<5 >0'<0 >(2 30(3 305 20'E2 (18 I5225,2 >'30 (,,' 305'7 ;:71'3:75 (18 305 6(357'(,2 30575.;'(75 R305 '1-=2 .>1$ (18 305#E572.12 >0.6 305 .66'22'.1 8'8 <.1J <571 >575 0'2 .;;'<572 (18 2571(132 .7 '1 0'2 E(9 (18 >(-52 2.' 30(3 0'2 (!9# '1 30'2 <(25 0(30 (' E.>57 .;' 5G(6'1(3'.1 (18 <.775<3'.1$ 1.3.1,9 75-(,$ 4:3 A(2 '3 6(9 45 3576 58D 8.6'1'<(,$ (2 (' 6(2357 (18 .>157#

0'78,9$ '3 >(2 51;.7<58 49 0'2 (*!9=N 2('8 .:125,$ 30(3 ';'305 3(3:35 .;' # ' '1'305 E.'13 .;' D %)' ,'53<# 20.:,8 75<5'I5 305 <.1237:<3'.1 30(3 305 2('8 0'3K ,.<?5 -'I530 :13.' '3 '3 8.30 6(1';523,9 '6E5(<0 (,' '6E7'2.1J 6513 5'3057 ;.7 <(:252 .;' 3(35 .7 <.66.1 Q:23'<5 45;.75 37'(,$ >0575(2 305 -5157(,' E7(<3'<5 .;' 305 75(,6 '2 (18 0(30 5157 4551 30(3 1.3 .1,9 305 .:1<',' .;' 305 523(35$ 4:3 :23'<5 .;' 22'M52 (18 :23'<5 .;' 5(<5 8.' <.66'3 .;;518572 <(E'3(,' :E.1 E75-1(13 E75J 2:6E3'.12$45;.75 5'3057 37'(,' .7 '18'<3 6513 (18 <.66.1 75(2.1 35(<0530 30(3 ';'305 E572.12 .;' 6(,5;(<3.72 >575 1.3 25<:758 49 2(;5 <:23.89 45;.75 '18'<3 6513$30575 >.:,8 45 1.30'1-'4:3 52<(E52 (18 -5157(,' '6E:1'39 (18 30575;.75 30(3 (22573'.1 .;' 305 2('8 0'3K ,.<?52 5I579 >(9 E571'<'.:2 >0575:E.1 305 =2 ,5(7158 .:125,' <.1<,:858 :E.1 4.30 E(732 30(3 (2 >5,,' ;.7 305 2,(1857 .;' 0'2 (3 ^ .66'22'.1 (2 ;.7 305 <,'EE'1-' (18 '6E5(<0'1-' .;' 0'2 (U9=N E757.-(3'I5 (18 E.>57 305 2('8 0'3,.<?5=2 <.1356 E32 >575 I579K -75(3 (18 85257I58]20(7E E:1'20 6513 15'3057 >575 (19>(92 3.' 45 85;51858 49 305 E7'I',5-5 .;' p .:125,,.7 (3 (>$ >0'50 >R(2 1.3'1;'1'35 4:3 3.' 45 <.13('158 >'30'1 8:5 4.:182$ (18 >(2 3.' 45 6(1(-58 >'30.:3 E752:6E3'.1 (18 >'30 8:5 752E5<3 3.' 305 0'-057 E.>572 ;.7 >0'<0 E:7E.25 0'2 (39*' 2('8 .:125,' E7.J 8:<58 8'I572 E75<585132 .;' 25I575 E7.<558'1-'(-('123 (>9572 ;.7 305'7 <.1356 E32 '1 -'I'1-'<7(;39 .7 3:74:,513 <.:125,' (18 .E'1'.1 3.' 305'7 <,'5132$ >0'<0 151573 05,522 3059 2('8 >575 .;' (1 '1;57'.7 1(3:75 3.' 305 E75251 3 .:, 51<5#

;357 305 <0(7-5 .;' 305 2('8 0'3,.<?5$ 30575';.,,.>58 305 <0(7-5','?5>'25 .;' '7 .457 3 (125,,$ >0'<0 >(2 3.' 30'2 5;,5<3 30(3 0'2 ;(:,3$ >(2 1.3 (19 >0'3 '1;57'.7 :13d 305R.3057$;.7 30(3 05 0(8 2.:-03 ::8:3';:,,9 3.' .EE.25$0'625,;'(-('123 0'2 (32=N

>

E7.<558'1-2 (18 3. <(, 0'2 E757.-(3'I5 '1 @:523'.1 >*;(:,3 >(2 (--7(I(358 \

'723 '1 30(3 0'3,.<?5 0(8 1.3 :18573(?5'' 30'2 >.7?4:3 (3 0'2 '6E.73:1'39 (18 :E.1 <.1;'851<5 .; 305 <.:1351(1<5 (18 (22'23(1<5 .; 305 .78 86'7(, >0'<0 05 E75351858#

5<.18,9$;.7 30(3 05 >(2 305 65(12 3. 8'I:,-5 30.25 8(1 -57.:2 E.2'3'.12 3518'1- 2. 6:<0 3. 305#8'6'1:3'.1 .; 0'2 (3!7.9(, E.>57#

18 30'78,9$ '1 30(3 05$ 45'1- (E7'1<'E(, .;;'<57 '1 305 (I9$ A>0.25 8:39 8'8 .4,'-5 0'6 3. (8I(1<5 305 2(65 49 0'2 4523 51J 85(I.:72D 0(8 15I57305,522 :258 65(12 3. 0'1857 2. 15<522(79 (257I'<5 (2 >(2 '1351858 49 305 2(65 .66'22'.1#

E.1 >0'<0 25I57(, <0(7-52 305 2('8 '7 .4573 (125,, (18 (652 0'3,.<?5$ E57<5'I'1- 305 1(3:75 (18 >5'-03 .; 305'7 .;K ;51<52$8'8 '1 (,, 0:6','39 (<?1.>,58-5 305'7 577.72$(18 ;,9'1- ;7.6 0'2 (U9!^Q:23'<5 3. 0'2 -7(<5 (18 <,5651<9$0:64,9 452.:-03 305'7 .7820'E2 3. 45 '1357<522.72 :13. 0'2 #.1 305'7 450(,;$ 30(3 0'2 '-01522 >.:,8 45 -7(<'.:2,9 E,5(258 3. (<<5E3 .; 30'2 305'7 2:4J 6'22'.1 (18 E51'351<9$ (18 3. 756'3 (19 ;073057 E51(,39 ; .7 305 2('8 .;;51<52 30(1 305 '6E7'2.16513 3059 0(8 (,75(89 518:758$ (18 3. 7523.75 3056 (-('1 3. 0'2 ;(I.:7 (18 -7(<'.:2 .E'1'.1$ >0'<0 3059 >.:,8 5185(I.:7 3. 85257I5 49 (,, E.22'4,5 257I'<5#

E.1 (,, >0'<0 6 (3357$(18 (12>572 ;:,,9 (18 85,'457(35,9 05(78 (18 <.12'85758$ 305'7 .7820'E2$ 3.-53057 >'30 305 :8-52 305'7 (22'23(132$ 8'8 25I57(,,9 A45-'11'1- >'30 305 0'-0523D 85<,(75 305'7 Q:8-6 5132$ 0.'I 6:<0 3059 8'8 <.1856 1 305 8.'1-2 .; 305 2('8 '7 .4573 (125,, (18 0'3,.<?5$ (18 0.>-7'5I.:2 (18 8(1-57.:2 3059 <.1<5'I58 305'7 .;;51<52 3. 45$ .E51'1- -7(I5,9 (18 5;;5<3:(,,9 305 @:(,'39 .; 3056# 53 15I57305,522 3059 ;(I.:7(4,9 '1<,'158 :13. 305 2:'3 .; 305 2('8 .4573 (125,, (18# 0'3,.<?5$ 3. <.66518 305'7 <(:25 :13. 0'2 0'2 (39=^-7(<5 (18 <,5651<9$ (18 E7.6'258 305'7 4523 (22'23(1<5 (18 ;:73057(1<5 ;.7 .43('1'1- 305 2(65$ (18 '1 305 65(1 3'65 3059 75@:'758 3056 3. 6(?5 25I57(,,9 305 ,'?5 2:46'22'.1 '1 >7'3'1- 2:42<7'458 >'30 305'7 0(182$ (2 3059 0(8 8.15 49 >.78$ (18 756(1858 3056 :13. 305'7 25I57(,' E7'2.12 :13', 0'2 (3c=^ E,5(2:75 >575 ;:73057 ?1.>1#

05 15G3 8(9$ 45'1- :18(9 305 ***.; 30'2 6.130$ (18 305 (;.752('8 2:46'22'.12 45'1- >7'3351 (18 2:42<7'458 (2 >(2 51J Q.'158$ (18 E75251358 :13. 0'2 (3 =* 0(182 .1 305'7 450(,;#

'3' E,5(258' 0'2' (3u' .:3' .;' 0'2' 2'1-:,(7' <,5651<9' (18$-..8J 1522$' :E.1'305'75E.73' >0'<0' 0(8' 4551' 6(85' 49'305' .782' :13.' 0'6' .;'305' ;.7657' 8(9=2' E7.<558'1-2$' 3.' (<<5E3' .;'305' (<J ?1.>,58-5651 3' .;'305'7' ;(:,32' (18' 577.72' (18'3.'75<5'I5'3056' (-('1' '13.' 0'2' ;(I.:7I' >0575;.75' .7857' >(2' -'I51'3.'2518' ;.7' 3056$' (18' 30:2' 6:<0' 45'1-' 2'-1';'58' :13.' 3056' 4.30$' 49'305' .782' (3'305' .:1<',' (4,5$' A(;357' <573('1'-7(I5'(86.1'3'.12' ;.7' 305'7' 450(I'.:7' 0575(;357'3.>(782'0'2' (*!' (18'305'<(:252' .;'0'2' E757.-(3'I5' (18'523(35D' 8'75<3'.1' >(2' -'I51' ;.7'305'7#E752513' 51J ,(7-5651 3#

^:O'0(I5'0575' ('2:71'1(79'75E.73' .;'305' D %' .;'30'2' E7.<558J '1-$'1' >0'<0' (<.1' A';'3' >(2'05' >0.'875>'3':ED' >.:,8' .;'<.:725' <.,,5<3'305'2<(335758' E.'132' .;'305' (7-:6513' (18'758:<5'3056'3.'305' <.6E(<3523' 20(E5' (18' 305' 4523' .7857' 30(3' 05'<.:,8' 85I'25$'>'30.:3' 4'18'1-'0'625,;'3.'305'.7857'1' >0'<0' 3059' >575'(<3:(,,9' E75251358# ;'305'E(73'>0'<0' 05'0'625,;'3..?'1''3'>5',5(71'2.6530'1-';7.6'(' E(E57'.;'1.352'1' '7' :,':2' (52(7=2'0(18>7'3'1-$'>0.'>(2' E752513' X(18' (EE5(72'3.'0(I5'253'3056'8.>1'(2'305'<(25'>(2'-.'1-'.1# 7.6' 30525''3'(EE5(72'30(3'305'<0(7-5'(-('123' 0'35,.<?5'>(2'.E5158'49' 305' 33.7159' 5157(,'(18'<.1<,:858' 49' (<.1$>0',5'30(3'(-('123' (125,,'>(2',5;3'3.'305' 5<.7857# :3'305'1.352'(75'1.3';:,,'51.:-0' 3.'5GE,('1'305'2E55<052'3.'.15'>0.'0(8'1.3'05(78'3056$'(18'(75' <0'5;,9' I(,:(4,5'(2' 20.>'1-'30(3'('7.:-0'87(;3'1' (<.1=2'0(:8K '3'1-'.;'('N'<0(7-5'.;' 0'35,.<?5$P'>0'<0'2'E75257158' (6.1-' 305'E(E572'(3' (6453 0$ 75E7525132'2:423(13'(,,9'305'2E55<0'>0'<0'05' 85,'I5758'.1'30'2'.<<(2'.1# 3''2'E7.4(4,9'('1.35'.;'>0(3'05' ' 3.'2(9$'(18' '3(?5''3'30(3'305',(3357'E(73'0(2'4551',.23# :3''3''2'1.' 8.:43' (' -51:'15' <.6E.2'3'.1' .;' 4'2' .>1$' (18''3' 25562' 3.' 0(I5' 4551',..?58' .I57' (18' <.775<358$' (2' ';'3.' E75E(75''3' ;.7'305' 37(1J 2<7'457#

+,' + % ,' *' E + , #:,

9' .782$

05'.;'51<5'>0575>'30' 7# 0'35,.<?5''2'<0(7-58'A;.7'(2'3.' '7' .457 3' (125,,$' '3(?5''3'3.'69'E(73'.1,9'3.#45'2.779';.7'0'2' 577.7D''2'('<.1356E3'.;'(1'0'-0'1(3:75$'(18'7523'1-':E.1'3>.' E(732\# 05'.15$('E752:6E3:.:2'(18','<513'.:2'<512:75'(18'3$)0+16' .;'0'2' (Q5239=2'E757.-(3'I5''1'-5157(,'1 05'.3057'(',*%13$/'%13' 37(8:<5651 3'.;'.15' (<3'.7'56(1(3'.1'0575.;$ 2(1&%+1+16'V<.6K

* (128# # /B $;.# F#
K '4# (E#$ I'''#;.# HL# F'

6'22'.1‘ .;‘ 2:7I59‘ (18‘ 75;.76(3'.1‘ .;‘ (4:252‘ '1‘305‘ .;;'<5‘ .;‘ 305‘ 1(I9#

0'2‘ .;;51<5‘'2‘ ;'3‘3.‘45‘ .E5158‘ (18‘ 253‘45;.75‘9.:7‘ .7820'E2‘ A(2‘ '3‘ 0(30‘4551‘ >5,‘ 45-:1D‘4.30‘ '1‘ 305‘ 37:5‘23(35‘ (18‘ '1‘305‘ 37:5‘>5'-03‘.;‘'3#‘ .7‘ (2‘ ‘852'75‘30(3‘305‘1(3:75‘.;‘305‘.;,51<5‘ 6(9‘ (EE5(7‘'1‘0'2‘37:5‘<.,.:72$2.‘.1‘305‘.3057‘2'85‘ ‘852'75‘30(3‘ 305$20(8.>‘ .;‘ '3‘ 6(9‘ 1.3‘ 8(7?51‘ .7‘ '1I.,I5‘ (1930'1-‘30(3‘'2‘ ,(>;:,$‘ .7‘ (-755(4,5‘>'30‘305‘Q:23‘ (18‘ 75(2.1(4,5‘,'45739‘.;‘305‘ 2:4Q5<3#

'723$‘>5‘ 6:23‘ (18‘ 8.‘ (-755‘30(3‘305‘(2?'1-‘(18‘3(?'1-‘(18‘ -'I'1-‘ .;‘ <.:125,‘ '1‘ ,(>‘ '2‘ (1‘ 522513'(,‘E(73‘ .;‘Q:23'<5$‘ (18‘3.‘ 8519‘30(3‘'2‘3.‘20:3‘305‘ -(35‘ .;‘Q:23'<5$‘>0'<0‘'1‘305‘ 5475>2=< .66.1>5(,30‘>(2‘30575;.75‘05,8‘'1‘305‘-(35$‘3.‘20.>‘(,,‘E(22(-5‘ 3.‘Q:23'<5‘ 6:23‘ 45‘ .E51$‘ (18‘ <573('1,9‘<.:125,‘'1‘,(>‘'2‘.15‘.;‘ 305‘E(22(-52#‘ :3‘ 953‘;.7‘ (,,‘ 30(3$‘ 30'2‘,'45739‘'2‘ 1.3‘ '1;'1'35‘ (18‘>'30.:3‘,'6'32#

;‘(‘Q52:'358‘E(E'23‘20.:,8‘<.65‘(18‘(2?‘<.:125,‘A‘E:3‘(‘<(25‘ 1.3‘(,3.-53057‘;5'-158D‘>053057‘(,,‘305‘(<32‘.;‘E(7,'(6513‘6(85‘ '1‘305‘3'65‘.;‘%:551‘ ,'M(4530‘(7'8‘ '1-‘ (652‘(75‘I.'8‘.7‘1.$ 45<(:25‘30575‘(75‘1.‘,(>;:,‘4'20.E2‘2'33'1-‘'1‘305‘:EE57‘0.:25‘ (18‘(‘E(7,'(6513‘6:23‘<.12'23‘.;‘,.782‘2E'7'3:(,‘(18‘356E.7(,‘ (18‘<.66.12$‘(18‘(‘,(>957‘>',,‘253‘'3‘:1857‘0'2‘0(18‘30(3‘3059‘ 45‘(,,‘I.'8$‘ ‘>',,‘3.:<0‘0'6‘;.7‘0'-0‘375(2.1‘:E.1‘30'2‘0'2‘ <.:125,#

.$‘';‘(‘E:7'3(1‘E75(<057‘>',,‘(2?‘<.:125,‘>053057‘05‘6(9‘ 239,5‘305‘?'1-‘ 5;51857‘.;‘305‘ ('30$‘45<(:25‘05‘75<5'I52‘1.3$305‘ 8'2<'E,'15‘(18‘E752493579$‘(18#‘305‘,(>957‘>',,‘35,,‘0'6‘'3‘'2‘1.‘ E(73‘.;‘305‘?'1-=2‘239,5$‘'3‘>',,‘-.‘0(78‘>'30‘2:<0‘(‘,(>957#

7‘';‘(‘37'4::'3'.:2‘E.E:,(7‘2E'7'3‘>',,‘-.‘(18‘(2?‘(‘,(>957‘ >053057‘305‘.(30‘(18‘4(18‘.;‘(,,5-'(1<5‘45‘3.‘305‘?'1-8.6‘(18‘ <7.>1‘.1,9‘(18‘1.3‘3.‘305‘?'1-‘A(2‘>(2‘ :-0‘ E51257=2‘<(25D$ (18‘05‘85,'I57‘0'2‘.E'1'.1‘(2‘ :-0‘ E51257‘8'8$‘05‘>',,‘45‘1' :-0‘ E51257=2‘8(1-57#

.‘(2‘305‘E7'I',5-5‘.;‘-'I'1-‘<.:125,‘E7.35<32‘1.3‘(,,‘.E'1'.12‘ (18‘(2‘2.65‘.E'1'.12‘-'I51‘(75‘37('3.7.:2$2.‘(75‘30575‘.3057‘.;‘ (‘6:<0‘'1;57'.7‘1(3:75‘>0'<0‘(75‘<.1356E3:.:2#‘ 18‘R(6.1-‘ 30525‘‘75<?.1‘ 7#‘ 0'35,.<?5=2‘;.7‘(2‘;.7‘0'2‘,.9(,39‘(18‘37:5‘ 05(73‘3.‘305‘ '1-$‘ .8‘;.74'8‘‘20.:,8‘8.:43‘'3#

'$/$)(/$‘*$&‘1(‘4%1‘4+,&%F$‘,(‘)%/‘;%,‘&(‘2(12$+=$‘&'%&‘%10‘ *%C).*‘%13‘3.$‘*+-$/&0‘()‘&'$‘,.-D$2&‘)(/‘%,F+16‘2(.1,$*‘+1‘*%C‘+,

3.305 E7.E5739 .;(37(8526(1# 573('1,9 0'35,.5?5=2 2:46'22'.1 >(2 <.6E,535 51.:-0 '1I.,I'1- (;:,, (18 :175257I158 (86'22'.1 30(3 05 0(8 8.15 >7.1-(18 >.:,8 1.3 8.2.(-('1# 18 30.:-0 (2:46'22'.1 >0'<0 '2 305 <.18'3'.1 .;75,5(25 ;7.6 <:23.89 6(9 45 3.(<573('1 5G3513 375(358 (2 (;.76(,'39$ (18 8.52 1.3 15<522(7',9 '6E,9 (<0(1-5 .;.E'1'.1$953 '3 6 :23 45 75656 45758 30(3 0'35,.<?5 2:4K $1u'3358 45;.75 251351<5 0(8 4551 E(2258# 1 305 E75251<5 .; .?5 (18 (1;'5,8$ >0.>575 2:66.158 3.305 05(7'1-(2 (22522.72$ 20.:,8 0(I5 30.:-03 0'6 (1 :1,'?5,9 6(1 3.(4(18.1 0'2 85;51<5';'05 <.:,8 ;'18 -..8;..3'1-;.7 '3 '1 305 <.66.1,(># 05,.23 4..?<.13('158 (6.1- .3057 30'1-2 0'2 .>1 (<<.:13 .;0'2 2:46'22'.1,m >'30 1.35 >0'<0 >(2 0'2 .>1 (18 >0'<0 >(2 '7 7(1<'2 (<.1=2 (88'3'.1(8'23'1<3'.1 >0'<0 6'-03 E570(E2 0(I5 -'I51 :2 2.65 ,'-03 (2 3.305 75(,23(35 .;0'2 E7'I(35 .E'1'.1 30.:-0 8.1.3 6925,;'255 49 >0(3 .6'22'.1 305 5;;5<3 .;305 85<,(7(3'.1<.:,8 45 6(357'(,,9 (,35758#

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’ ! ’0(8’ ’E(22<8’2’ <5’305’ .:1<’,’ >(2’253’3.’ >.7?’ ’1’5(7152 3’3.’ ;’18’65(12’ .;’7(’2’1-’305’ ’1<.65’ .;’305’ 7.>1$’>’30.:’3’ 05,E’ ;7.6’ (7,’(6513$’3.’ (1’5@:(,’39’>’30’ ’32’5GE518’3:75W (’30’1-’ >0’<0’ 305’ (:30.7’ .;’ 305’8’(,.-:5’.1’305’ 75(3’ .137(<3’A2:EE.258’ 3.’45’ ’7’ :,’:2’ (52(70’0(8’75E75251358’(2’E7(<3’<(4,5#*’ 3’’2’1.>’ 3’65’ 3.’51@:’75’ >0(3’2:<<522’3059’0(8’0(81’ ;.7’:E.1’305’’22:5’.;’ 305’5GE57’6513’305’E.,’<9’ .;’305’<.6’1-’95(72’>.:,8’6(’1,9’85E518# 18’305’(12>57’20(,,’45’-’I51’49’ ’7’ :,’:2’ (52(7’0’625,;# ’87(;3’ ’1’0’2’.>1’0(18’ .;’ (’75E.73’:E.1’ 305’E7.<558’1-2’.;’305’ .66’2J 2’.1572$ -’I52’2.’;:,’ (18’<,5(7’(18’953’2.’<.1<’25’(1’(<<.:13’.;’305’ >0.,5’<(25’30(3’ ’20(,,’-’I5’’3’513’75#

(, , ’ *’ +,’< ,/’ // ,%/’ +, ’, $, /’ * ’ 2 22 "’ 2’ + ,-’ # ’ . ’ >H

1’ :15’,(23$E752513,9’(;357’305’85(30’.;’305’ .78’ 75(2:757’ (,’24:79$ 305’ 0(1<5,,.7’.;’305’ G<05@:57’(<@:(’1358’0’2’2(<758’ (05239’>’30’305’ 523(35’.;’0’2’75I51:5’(18’75<5’E3W >0’<0’>(2’30(3’0’2’95(7,9’.78’1(79’5GJ E51252’5G<55858’0’2’95(7,9’.78’1(79’75I51:52’49’/B $ O# .7’30575(4.:32’ (18’30(3’0’2’E752513’8543’>(2’ $ O# .7’15(7’30575(4.:32# ’%&’ -$&C$$1’ &’%&’ +3,.44$/’%13’ +2’%$*4%,’)(**(C+16’ &’$/$’C%,’ 1$2$,,%/+*0’ &(’ -$8/(=+3$3’)(/’ &’$’ 4%+1&$1%12$’ ()’ &’$’ (/3+1%/0’ $@8$1,$,K’ L $ /# .’>(9’5,25’E752513,9’,5;3’;.7’3.’8.’’3’4:3’305’2(,5’.;’305’6’,,2$E(72.1J (-52$’(18’.3057’,(182’,5;3’.:3’.;’305’513(’,’.7’(115G(3’.1# 0(3’305’2(65’>(2’3.’45’8.15’;.730>’30# 0’<0’8.15$’953’305’8543’7566(’158’ $ "# (18’>.:,8’’1<75(25’49

/N’ 18’1.>’ ’37:23’9.:’(75’2(3’2;’58’30(3’305’ ’1-’’2’1.3’’1’2:<0’5G375 65’1558’ .;’305’ .66.12±05,E’3.’75,’515’0’2’E752513’>(132$’4:3’30(3’05’<(1’49’0’2’.>1’ 65(12$’(18’>’30.:3’3(?’1-’(19’852E57(35’<.:725$’75,’515’0’625,;#P’ (7’# 54# /B/ $’EE#$’K ((128#’ # /B ’;.# F# 0’(’ ’2’305’8.<?53’.;’305’E(E57$’’1’ ’7’ # #=2 0(18#

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2.*%/''$%3,'()'&'$ $=$1.$'%13'$@8$1,$,',%13&/0''(C'$'2(.*3'D.,&+)0'
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%' 4%,&$/' %13' ,(=$/$+61,' 4+6 '&'$+&'$/'&'+1F' ()' (/'8/(=+3$')(/,'&'$0'-$)(/$ &'$+/' 3$8%/&./$')/(4'&'$+/'3%+*0' 4$$&+16,'+1'2(.1,$'#3'3',.-,&+&.&$'3+=$/,' 6$1&*$4$1' ()',8$2+%'#6((3'/%1F'%13',(/&,'=+3$*'&'$' +165,'*$%/1$3' (.1,$' %13'(&'$/' ())+2$/,' ()',8$2+%'#&/.,&,'&(%,,+,&' /' '%12$**(/'()'&'$' @2'$E.$/' +1' 2(1,+3$/+16' ()' 3+=$/,' 8/(D$2&,'C'+2'' /$E.+/$3'%').&'$/' $@%4+1%&+(1,' %13'&(' 4%F$' /$8(/&'&('&'$4' ()'&'$+/'8/(2$$3+16,'%13'(8+1+(1,'&'$/$()'%&' &'$+/' /$&./1'&(' (13(1

' ,.-A2(44+,,+(1$/,' 4$&'+1' .6.,&'*%,&'%13',8$1&'4.2'' &+4$'&(7 6$&'$/'C+&'' 6/$%&'3+*+6$12$,'%13'+1' $8&$4-$/'/$&./1$3'&'$+/'2$/&+)+2%&$'&(' &'$' (/3,'%)(/$,%+3'#'C'(' 8/$,$1&*0'-(&''+1'&'$'$13'()'&'%&'4(1&''%13'+1' 2&(-$/')(**(C+16'2(1)$//$3'&'$+/'1(&$,'&(6$&'$/'%13'2(.2'$3'+1'C/+&+16' B!-0'&'$'$@&/4'8%+1,'$,8$2+%**0'()'&'$' (/3' /+=0' $%*,'C'(',8%/$3'1(' *%-(./'+1'C/+&+16'%13'4$&'(3+2%*'3+,8(,+16'&'$/$()'&'$'C'(*$,.-,&%12$ ()'&'%&'C'+2''&'$0''%3'2(12*.3$3'&(.2'+16'%**'&'/$$''$%3,'$+&'$/'()'%-%&+16' ()'2'%/6$,,' +48/(=+16'()'&'$' 8/$,$1&'/$=$1.$,'(/'%33+16'()'1$C'.1&('+&6 %13'/$D$2&+16'()' 4%10'+3*$' %13'3%16$/(.,'8/(D$2&,'C'+2''4+6'&'8/(=$ $+&'$/'%6%+1,&'&'$'*%C,'(/'+12(1=$1+$1&'&('&'$' &%&$,'(/'D.,&*0'3+,&%,&$).* &('&'$' 8$(8*$,'(/'%10'C%0'3+,'(1(./%-*$'&(''+,' '$'8%/&+2.*%/+&+$,' C'$/$()'%/$' 4$&'(3+2%**0',$&'3(C1'-0'&'$',%+3' (/3' /+=0' $%*'%13'%& *%/6$' 4%3$' F1(C1'&('+,' '-0'&'$',%+3' (/3'-0'C(/3'()'4(.&''+1'&'$' 8/$,12'%13'C+&''&'$'2(1,$1&'()'&'$'/$,&'()'&'$' (/3,' (44+,,+(1$/, 13'-$2%.,$''+,' '4%0'8*%01*0'8$/2$+=$'&'%&'&'$'*%-(./,'()'&'$' (/3,' (44+,,+(1$/,''%=$'1(&'-$$1')/.+&*$,,'+1'&'$4,$*=$,,'&'(.6''-0'%22+3$1&,' ()'$@&/%(/3+1%/0'(22%,+(1,'%13'$@8$1,$,',+12$'&'%&'&+4$'&'$0''%=$',4%**0' '(*8$1'&'$'$@&/$4+&+$,'()''+,' 'C%1&,',+&'4%0'8*$%,$''+,' '&('*((F+1&(' &'$,$'%-%&$4$1&,,'+48/(=$4$1&,,'%13'%33+&+(1,'$1,.+16,'=+`J

?(/F,'%&'>; '&'+,'*%,&0$%/K <;'' "+,',%=$3' ;'9' /+,'' (44+,,+(1$/,'?hh<'%*'%-%&$3' 9 /+,'' .,&(4,'&'+,'*%,&0$%/' +,'1(C'+48/(=$3' "; $2.,%1&,'?hhh<'-$)(/$,'1(C'+48/(=$3' ; +1&' MMM'-$)(/$,'1(C'+48/(=$3 ; ,,%/&,K+48/(=$3 >; $)$2&+=$'&+&*$,K+48/(=$3' "; *+$1%&+(1,K+48/(=$3 ; ()$/$/K%-%&$3 ; $,,$16$/,K%-%&$3 ;

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' 0' 40' %,' *+`' 3$8%/A A /$&./1'()'&'$'*%&$ &./$; ' /+12$5,'/$=$1.$,'+)'1(' 1' 8$1,+(1,,' +)'&'$' ' '8%/&'&'$/$()'-$'(&'$/A ;' 6/%1&'1('4(/$1(/'/$A C+,$'3+,8(,$3' ' ' ' ; 1$C'(*3 "; Z, ' 1'&'$' /+,'' .,&(4,' ' ;9

= 0'2' 'E752:65'>(2'305'E(E57'E7'1358'0'305',(23'<0(E357$'E# /H#

F# 1' 305' 0. : 250. ,8' # # B$ /#
H# 1' 305' 75(2 : 79' . ;' 305
<0(6 457$';' 305'E(<?532'
45' ,522' ;75@ : 513# # MM
1' 305' 05>5,' 0. : 25$ ';
305' # >', ,# # # # ' $ /#
B# 1' 305' > . 7?2$ ';' 4 : ',8K
R '1 - 2' 23(9' # # # # ' / $ /#
C# 7'20' . 6 6 '22'. 157 2' # C /#
1' 305' (787. 45$ ';
75(89' 6 . 159' 6 (9' 45
; : 71'2058' 0575(;357' # R $ /#
L# 1' 305' (I 9$ (;357' 305
37(12E. 73(3'. 1' . ;' 69
,'M# E(23' # # # $ /#
/ # : 8 - 52' '1' 523 6 '12357
(,,' ' (4(358' # # # / /#
//# 1' E7'2. 12$ ';';5>57' E7'J
2. 157 2' 45' <. 6 6 '3358' /#

F# 1' 305' . : 73' . ;' (782
(18' 'I 57'52' # # # $ /#
H# 1' :23. 62' : E. 1' 305
37(1 - 572' R* # # #' # F$ /#
1 5<: 2(132R; . 7; 5'3 : 752' ,$ 'T
B# 1' 305' '13' E7. ;'32' # $ /#
bC' (18' ' 57(258' '1' #a
L# 1' 305' ,'51(3'. 1' . ;;'<5' $ /#
/ # 1' 22 : 52' . 9(,' # # /$ /#

05' 2',?' ;(7 6' # # # #K H$ /#
05' 751<0' '152' # # B$ /#
. >' . : 137'52' 8543' # # H $ /#
: 77(132' (;357' C' 95(72' # $ /#
75(3' < : 23. 62# # # # ' H$ /#

7 ' -' . % ' B -' '
* '9

/# 22(732' (18' E : 7E7523 : 752' F$ /#
5;5<3' I 5' 3'3,52' # # # H$ /#
F# 1<7. (<0 6 5132#
H# (2352' (18' . 6 6. 12#
.EE'<52' (18' : 1857>. . 82' 3. ' 45'
,5(258#
B# 5 6 ('18572' . ;' 13(',2' 1. 3' 2E513
3. ' 45' 2. ,8#
C# : 77. : 1858' -7. : 182#
,8' 0. : 252' (18' <(23,52#
L# 6 E. 23' . ;' ;. 75'-1' 23(7<0' (18
E7. 0'4'3'. 1' . ;' 6 (?'1-' (19'
0575#
b/ ' 57(258' '1' #a
//# : 2252' (18' ;'20'1-#
/ # (7. 1532#
/F# 13(',2' 2E513#
/H# 5 6. 35' ; . 75232$ E(7?2$ (18
<0(252#
/ # .74'88'1-' . ;' 37(12E. 73(3'. 1' . ;
<, . 302' 8752 3' . 7' '68'58#
,, : 6#
'(357>. 7?2#

. % ' ' B -' ' * '9

/# 55;(7 6 '1-' . ;' 305' '1 - 2',(182#
(7-('1'1-' ;. 7' 305' '1 - 2' 35J
1 : 752' (18' >(782#
>H ,357'1-' 305' 4. . ?' . ;' 7(352' 3. '
305' 0' - 0523' I(,: 5#
H# 05' # 3. ' 45' 2. ,5' 6 57<0(13' . ;
3. 4(<<. $ 2(,3$ E5EE57$ 53<#
5,,'1-' . ;' . ;;'<52$ -75(3' (18
26(,,#
B# '152' 3. ' 8'2E5125' > '30' 057';;2#
C# 5257 I(3'. 1' : E. 1' 305' 55<,52'K
2'(23'<(,' 25(,' . ;' 2. 65' E7. ;'3' 3. '
305' '1-#
,50. : 252' (18' 112' 3. ' 45' ,'J
<51258' . 1,9' 49' 305' '1-' : 1857'
0'2' -75(3' 25(,' . ;' 1-,(18#
L# (35132' . ;',5-'3' 6(3'. 1$ 1(3 : 7(,J
'M(3'. 1' (18' 511. 4,'M'1-#
/ # . EE57' 26(,,' 6. 1'52' . ;' . 15
E5119' (18' : 1857 \ I 'MM' 0(,;'
E511'52' (18' ;(730'1-2#
//# ,57?' . ;' 305' (7?532' 5G(<3'. 12#
/ # ' 752571(3'. 1' : E. 1' R 2:79#
/F# 05' 517. ,, 6513' (18' ; . 7;5'3 : 752

. ;‘ (EE7513'<52‘ (1# ,'M# ‘ <(E#
#
/H# 7('1'1-‘ (18‘ '11'1-‘ . ;‘ ,(18
X;7. 6‘ 305‘ 25($ >'30‘ 305‘ '10(4'J
3(132=< . 12513#
/ # .15‘ 3. ‘ 45(7‘ <. (3‘ . ;‘ (762$ .7
-'I5‘ 4(8-52‘ 4 : 3‘ 2 : <0‘ (2‘ 20(,,‘
45‘ ,'<51258‘ 49‘ . 6 6 '22' . 1572‘
: 1857‘ 305‘ -75(3‘ 25(,#
/B# 05‘ 23(3 : 352‘ . ;‘ 56E, . 9651324‘ . ;
237(1-572= - . . 82‘ 3. ‘ 45‘ E : 3‘ '1‘
5G5<: 3' . 1‘ (18‘ (,,‘ . 3057‘ 23(J
3 : 352‘ . ;‘ ,'?5‘ (8I(13(-5‘ ; . 730E‘
'1-‘ (18‘ ?'1-8. 6#

/# ;‘ (,,‘ >0'<0‘ '3‘ (EE5(7530‘ 30(3‘ >5‘ 0(I5‘ (4(358‘ (18‘ '6E7. I58‘ 752E5<J
3'I5,9‘ 3. ‘ 305‘ '1-=2‘ E7. ;'3$ 2'1<5‘ 69‘ ,(35‘ . 78‘ 75(2 : 757=2‘ 85(30$
3. ‘ 305‘ 2 : 6‘ . ;‘ S=,??q<
0(3‘ 30575‘ 0(30‘ 4551‘ 47. : -03‘ '1$. 7‘ >. : ,8‘ 0(I5‘ 4551$ '13. ‘ 305‘ 75<5'E3$
';‘ '3‘ 0(8‘ 1. 3‘ 4551‘ . 3057>'25‘ 8'2E. 258‘ . ;‘ 09‘ 9. : 7‘ (Q5239$ 3. -53057‘
>'30‘ 30(3‘ >0'<0‘ '2‘ 3. ‘ <. 65‘ '1‘ 45; . 75‘ 305‘ 518‘ . ;‘ 5<5645715G3‘ '1‘
5G37(. 78'1(79‘ 3. ‘ 45(7‘ 2. 65‘ E(73K . ;‘ 305‘ . 78'1(79‘ >(132$ F L$B /

'85,# '1‘ 30525‘ 1(3 : 752‘ 512 : '1-‘ W K‘ ;
;‘ (7 . 1532###‘ BB$BBB
. 159‘ . : 3‘ . ;‘ 7(1<5$ E(7<5,‘ . ;‘ 305'7‘ 8543########‘ F $
. 159‘ . : 3‘ . ;‘ 305‘ 1'358‘ 7. I'1<52$ E(7<5,‘ . ;‘ 305'7‘ 8543‘ B $
'8‘ ; . 7‘ 305‘ (89‘ ,'M(4530#########################‘ $
. (12###‘ B $
(7657 2‘ . ;‘ 305‘ 75(3‘ : 23. 62#########################‘ $
(,5‘ . ;‘ ,(182$ >. . 82$ (18‘ 6 ',,2#########################‘ H $
5;5<3'I5‘ '3,52###H$
22(73‘ (182###F$
7551‘ >(G‘ (18‘ ; . 7 ; 5 '3 : 752###F$B
. 7‘ 75; : 2(,‘ . ;‘ 305‘ . (30‘ . ;‘ (,,5-'(1<5# # # # # # # ‘ $FB

F L#B /
0575. ;‘ 75<5'I58‘ (,75(89######################## /C$B /
. ‘ 45‘ 75<5'I58‘ 45; . 75‘ 6(2‘ 15G3‘ # # # L $

‘ 30. : -03‘ '3‘ 453357‘ 3. ‘ -'I5‘ 30525‘ 853(',2$ 1. ;2. ‘ 6 : <0‘ 30(3‘ 305‘ 23(35J
6513‘ 6'-03‘ 45‘ <. 6E,535‘ A; . 7‘ '3‘ '2‘ 4 : 3‘ (‘ 7. : -0‘ 87(;3‘ >'30‘ 25157(,‘
57(2 : 752$ (88'3'. 12$ (18‘ '1357,'15(3'. 12D$ 4 : 3‘ 45<(: 25‘ . 2357'39‘ '2‘ (E3‘
3. ‘ 5GE5<3‘ . ;‘ ; . 7657‘ '1-2‘ (3‘ . 1<5‘ 305‘ 6. 23‘ : 12E(7'1-‘ ,'457(,'39‘ '1‘
2E518'1-‘ 6. 159‘ (18‘ 305‘ 6. 23‘ 6(-1(1'6. : 2‘ '18';;5751<5‘ (4. : 3‘ -53J
3'1-‘ '3$ (18‘ 15582‘ 3. ‘ 45‘ 756'1858‘ ;7. 6‘ 3' 65‘ 3. ‘ 3' 65‘ 30(3‘ '1-2‘ <(1K‘
. 3‘ -'I5‘ 6. 75‘ 30(1‘ 3059‘ 0(I5$ (E8‘ 30@3‘ >0(3‘ 3059‘ 0(I5‘ 6 : 23‘ <. 65

/B/F#/ ' ' ' ' # B

[237.1-,9' 05' (8I'258' 30(3' 1.' 3'65' 20.:,8' 45' ,.23' '1' <(,,'1-' (1.3057#
5' (75' 1.>' 3.' 255' >0(3' <.:725' 05' >.:,8' 0(I5'0(8' 305' '1-' 3(?5'
>'30' '3$' '1' .7857' 3.' 75<.I57' 305' -7.:18' >0'<0' 05'0(8',.23#
05' 3>.' E(E572' >0'<0' ' E,(<5';'723' <.13('1' 305'752:,32' .;' 0'2' E7'J
I(35' 658'3(3'.12' :E.1' 305' @:523'.1$ (18' (75' 3.' 45'75-(7858' 1.3' (2'
305' (8I'<5'05'-(I5$ 4:3' (2' 305'<.1<,:2'.12' :E.1' >0'<0' 305' (8I'<5'05'
#>(2' (4.:3' 3.' -'I5' >(2' -7.:1858# 05' (8I'<5' '325,;' >5' 20(,,' 255'
(;357>(782#

R1 , / /' * %' # ' ' % , =X

(I'1-' 2533,58' 69' .E'1'.1' (;357' 2.65' 658'3(3'.1$ ' <.1<,:85'
'30' 6925,;' '3' '2' ;'3' ;.7' 305' '1-' 3.' <(,,' (' (7,'(6513$' .7' (3'
,5(23' 1.3';'3';.7' (19' 6(1' 3.' 8'22:(85' '3#
9' 75(2.12' (75 \
/# (7,'(6513' 0(30' 4551' 305' .78'1(79' 756589' 3.' 2:EE,9' 305' =2
>(132W (18' '3' '2' (' -75(3' <.1;522'.1' .;' >5(?1522' '1' (' 4.89' ';'
'3' <(11.3' 47..?' 305' .78'1(79' 756589#
1' E.'13' .;';(65K(18' .4257I(3'.1$ 30575' '2' 1.' -75(3' 8';'5751<5
>053057' '3' 45' 2('8' (47.(8# 05' # '2' '1' 15<522'39' (18' 305'
(7,'(6513' 0(30' 851'58' 3.' 75,'515' 0'6W .7'30:2# 05' # '2'
'1' 15<522'39' (18' 8(75'1.3' <(,,' (' (7,'(6513' 3.' E:3' 305' (;;5<J
3'.12' .;' 0'2' E5.E,5' 3.' (' 37'(,#
F# 05' # '1' 69' .E'1'.1' 23(18530' '1' 453357' 3576 2' >'30' 0'2
8$(8*$' &'%1' '$' 3+3' &'$' *%,&' %/*+%4$1&' $/&%+1*0' %*,-./0'
%13' .1-%//$' '%=$' 3/%C1' 4.2'' $1=0' +1' %' 2'%/+8&' +1&(' &'$'
(&'$/' C(/*3
H# ' ?1.>';5>' (<3'.12' .;' 523(35' 30(3' (75' 0(720$' 30(3' 0(I5' 4551' '1
(-'3(3'.1' .7' 7:6.:7' .;',(35T (:8' 305' .,8' -7'5I(1<52$ 0(I'1-'
4551',.1-' 47.(<058$ >(G' 85(8' (18' ;,(3# :75' ' (6' 305' #
8'8' 0'625,;''1;'1'35' 7'-03' '1' 305' # O(1<075=2' <(25$ I051' 0'2
20.>58' 0'625,;' .;' 30(3' 752.,:3'.1
7.(' 97':2@:5'31','" 1:,,.' 8'2<7'6'15'(-53''7#
,'5' .EE.2'35' E(739' 05753.;.75' '2' 1.>' 8'22.,I58' (18' 47.?51#
5,I573.1' '2' >.1' W (12' '2';(,,51' .;;T 75>' (18' '85' 23(18'
3.' 45' 570Q5(132T 5I5,;' 0(30' 0'2' 0.E52T (73'1' 0(30' 6.159'
'1' 0'2' E:725T 7.<?' '2' 85(8# 52'852' 3059';'18' 305' I(1'39' .;#
30(3= E.E:,(7' <.:725$ 305' # 0(I'1-' ?5E3' (' E7'1<5,9' 356E57'
3.>(782' 3056$ 1.3' 3.' E5725<:35' .7' 8'2-7(<5' 3056$ 1.7' 953'
3.' :25' .7' (8I(1<5' 3056#
' .33.1' # '3# # 'I#;.# FFH# ,,' '1' (<.1=2' .>1','118#

> ' ' ' ' ' # R + $ C

B# 05 8791522 . ; 305 , (23 (7,'(6 513 8 . 30 1 . 3 6 : <0 8'2<. : 7(-5* 6 5$ E(73,9 ; . 7 30 (3 >0'<0 0(30 4551 2('8 4 : 3 <0'5;,9 ; . 7 3> . 75(2 . 12 05 . 15 45<(: 25 (3 30 (3 3'6 5 . 137(<3 (18 ';3 >575 ,',?5 7(<5 (18 . 7?2$ 305 . 15 <7 . 2258 305 . 3057 05 25<. 18 45<(: 25 2 : 42<7'45 3 . 305 . E'1'4 : . ; 6 (19 >'25 6 51$ 0(3 305 . EE . 2'3' . 1 >0'<0 3051 (EE5(758 >(2 E(73,9 49 '1; : 2' . 1#

C# ; (19 6 (1 8'22 : (85 (' (7,'(6 513$ 05 '2 5GE . 258 3 . 305 ' 6 E : J 3(3' . 1 . ; <75(3'1- . 7 1 . : 7'20'1- 8';;'851<5 453>551 305 '1- (18 0'2 E5 . E,5 05 87(>530 : E . 1 0'6 25,; 305 <0(7-5 . ; 305 <. 125@ : 51<52 . ; 305 =2 > (132 (18 05 '2 2 : 4Q5<3 3 . ' 1357J E753(3' . 1 30 (3 05 8 . 30 '3 ; . 7 E7'I(35 8 . : 432 (18 5182#

(23,9 ' <. 1<5'I5 305 25@ : 5, . ; - . . 8 . 7 5I', 1 . 3 2 . 6 : <0 3. 3$8$13 . 8(1 %/*+%4$1& (/ 1(& %/*+%4$1&; %, . 8(1 &'$ 2(./,$ C'+2'' &'$ ' , '%** '(*3 C+&'' '+, %/*+%4$1&; %13 &'$/$)(/$ ' &'+1F 6((3 &(' *$%=$ &'$)+/,& E . $,&+(1 %13 &(' %88*0 &'$ 2%/$ &(' &'$,$2(13

0 , /' *' ' % , S

/# 05 6E . 2'3' . 12 (18 0 . >' 30 (3 6 (3357 6 (9 45 4 : 7'58 (18 2',51<58#

05 7'5I(1<52$ (18 0 . >' 305 <. ,,5<3' . 1 . ; 3056 ''1 -5157(, 6 (9 45 75237('158$ (18 305 85(,'1-''1 3056 (3 (,, E : 3 4(<? 3',, 305 '1-*2 4 : 2'1522 45 253 '1 8 : 5 ; . 7 > (781522#

F# 0(3 E7 . Q5<3 6 (9 45 E7 . 4(4,9 -'I51 . : 3 3 . 45 '1 0(18$ >057549 305 '1-' 6 (9 75E('7 0'2 523(35 . : 3 . ; 0'2 . >1 6 5(12$ 30 (3 305 E7 . <558'1-' >'30 0'2 (7,'(6 513 6 (9 45 : E . 1 3576 2 . ; 6 (Q5239 (18 1 . 3 . ; 15<522'39#

H# 0(3 . 3057 . E'1' . 12 (75 3 . ' 45 2 . >1 (18 8'2E57258$ (18 >0(3 (<3' . 12 . ; 523(35 (75 3 . ' 45 253 . 1 ; . . 3 (18 I . '<58$ (2 E75E(7(J 3'I52$ >057549 6 51 6 (9 5 . 6 5 3 . ' (7,'(6 513 453357 (;;5<358$ (18 45 >051 3059 (75 6 53 6 . 75 ; . 7<'4,9 '18 : <58 (18 E57J 2 : (858 3 . ' 2 : EE,9 305 # >'30 375(2 : 75##!

0(3 -7(<' . : 2 (18 E,(: 2'4,5 ,(>2 . 7 . 3057 6 (3357 (75 75(,,9 3 . ' 45 E7 . E . : 1858 (18 0(18,58 '1 (7,'(6 513$; . 7 305 <. 6J ; . 73 (18 <. 13513 6 513 . ; 305 E5 . E,5#

0(3 '2 ;'3 3 . ' 45 8 . 15 ; . 7 305 >'11'1-' . 7 47'8,'1-' . ; 305 (>K

Ċ . 33# # '3# # 'I# ; . # FF # ,' '1 (<. 1=2 . >1 0(18$ 5G<5E3 305 1 : 6 5K 7(,2$ >0'<0 (EE5(7 3 . ' 0(I5 4551 '1257358 (;357>(782 49 (1 . 3057# . ' 8(35 . 7 8 . <?53#

9572 A>0'<0 (75 305 * % .;305 0.:25D 30(3 3059 6(9 ;:7857 305 '1-=2 <(:252$ .7 (3 ,5(23 ;5(7 3. .EE.25 3056#

C# 0(3 <.:725 6(9 45 3(?51 ;.7 305 87(>'1- .;30(3 4.89 .; U 305 0.:25 >0'<0 <.12'23530 .;<'3'M512 (18 4:7-52252 .;<.7J E.7(3'.12 3. 45 >5,, (;;5<358 3. 305 =2 4:2'1522#

R2R# 0(3 <.:725 6(9 45 3(?51 ;.7 305 87(>'1- .; 30(3 -75(3 4.89 .;305 0.:25 >0'<0 <.12'23530 .; :23'<52 .;305 E5(<5 (18 -513,56 51 .;305 <.:1379 3. 45 >5,, (;;5<358 3. 305 =2 4:2'1522#

L# 0(3 <.:725 6(9 45 3(?51 ;.7 305 87(>'1- .;30(3 4.89 .; 305 0.:25 >0'<0 <.12'23530 .;<.:73'572 (18 305 =2 257I(132 3. 45 (2 3059 0(I5 5I57 '1 ;.76 57 3'6 52 A5G<5E3 305 ,(23 (7,'(6 513D :258 3. 45$ 30(3 '2$ 2:75 (18 M5(,.:2 ;.7 305 # (18 1.3 A(2 3059 >575 3051D ;5(7;:, .7 E.E:,(7#

/ # 0(3 <.:725 6(9 45 3(?51 >'30 30(3 <.64'158 4.89$ 45'1- 5Q<37(<358 .;(,, 305 ;.76 57 2.732$ >0'<0 6(85 305 E.E:,(7 E(739 ,(23 (7,'(6 513$;.7 305 25I57'1- .;3056$ '13'6 '8(J 3'1- .;3056$ .7 0.,8'1- 3056 '1 0.E52$ .7 305 ,'?5$ >0575J 49 3059 6(9 45 8'22.,I58$ .7 >5(?5158$ .7 >.1#

//# 0(3 <.:725 6(9 45 05,8 3. '1-(-5 (18 (22:75 305 :8-52 * ,;.7(19 E.'132 .;,(> .7 7'-03 >0'<0 6(9 45 ;.752551 (2 ,'?5,9 3. <.65 '1 @:523'.1 '1 (7,'(6 513#

/ # 0(3 E572.12 '1 E(73'<:,(7$ '1 752E5<3 .;305'7 -7(I'39$ 8'2J <753'.1$ 356 E57$ (18 (4','39 3. E572:(85$ (75 ;'3 3. 45 47.:-03 '1 3. 45 .;305 0.:25$ D D ,> '30.:3 ,(4.:7'1- .7 E(<?'1-#

0(3 E572.12 '1 E(73'<:,(7$ (2 I'.,513 (18 3:74:,513$ (75 ;'3 3. 45?5E3 4(<? ;7.6 45'1- .;305 0.:25$ D D ,> '30.:3 ,(4.:7'1- .7 E(<?'1-#

/F# 0(3 :25 6(9 45 6(85 .;305 .7.:-02 .;305 '1@ .732$ #(18 .;305 :<09$ (18 .3057 4.7.:-02 (3 305 85I.3'.1 .; K8'I5725 305 =2 <.:125,,.72$;.7 305 E,(<'1- E572.12 >5,, (;;5<358 (18 8'2<7553#

/H# 0(3 :25 6(9 45 6(85 .;305 :1,(>R;:,<:23.6 (18 (4:25$;.7 305 2518'1- :E (18 753:71'1- .;4,(1@:52$ >0'<0 ';'3 45 75J 237('158 E5750(1<5 '3 6(9 23:64,5 6(19 (.15=2 5137(1<5 30(3 30'1?305 625,I52 (22:758 .;E,(552#

b/ #a 0(3 <.:725 6(9 45 3(?51 30(3 30.:-0 305 # 8. :25

> ‘ ‘ ‘ ‘ ‘ ;’ R + $‘S

2:<0‘ E7.I'851<5‘ (2‘ '2‘ 45;.75‘ 75656645758‘ (18‘ ,5(I5‘ 1.3‘ 30'1-2‘ 3.‘ <0(1<5$‘ 953‘ '3‘ 6(9‘ 45‘2.‘0(18,58‘ (2‘'3‘ 6(9‘0(I5‘ 1.‘205>‘1.7‘2<(18(,‘1.7‘1(3:75‘ .;‘305‘E(<?'1-‘ .7‘ 47'-:'1-‘ .;‘(‘ (7,'(6513$‘4:3‘<.137(7'>'25‘ 30(3‘ '3‘3518530‘3.‘0(I5‘(‘ (7,'(6513‘37:,9‘;755‘(18‘1.3‘E(<?58‘(-('123‘0'6#

/B# .‘ 30'2‘ E:7E.25‘ >0(3‘ <.:725‘ 6(9‘45‘3(?51‘3.‘ 6(?5‘7151‘ E57<5'I5‘ 30(3‘ '3‘ '2‘ 1.3‘2(;5‘ b3.a‘<.64'15‘(18‘ 6(?5‘E(73'52‘ '1‘ (7,'(6513$‘4:3‘30(3‘6 51‘45‘,5;3‘3.‘305'7‘<.12<'51<52‘(18‘ ;755‘I.352#

/C# .‘,53‘ 6 51‘E57<5'I5‘30(3‘(‘-:(78‘(18‘595‘'2‘0(8‘49‘0'2‘ # 30(3‘30575‘45‘1.‘'1;:2'.12‘(2‘>575‘,(23‘ (7,'(6513‘;7.6‘ -75(3‘E572.12$‘4:3‘30(3‘(,,‘E7.<558'1-‘45‘37:,9‘;755#

/ # .‘<.12'857‘>053057‘'3‘45‘;'3‘3.‘23751-3051‘305‘,.>57‘0.:25‘ >'30‘ (19‘ .:125,,.72‘.;‘523(35$‘ (18‘ >053057‘ '3‘ >',‘ 8.‘ -..8#

b/L#a‘ .‘<.12'857‘>053057‘'3‘>',‘45‘;'3‘3.‘23557‘305‘ =2‘4:2'1522‘ (2‘ '3‘ >(2‘ ,(23‘ 3'65‘49‘<.1;5751<52‘>'30‘305‘ :EE57‘0.:25$‘ >0'<0‘>',‘45‘0(78‘3.‘8.‘1.>‘305‘ 75(2:757‘'2‘-.15$‘>0.‘ 0(8‘(‘?'18‘.;‘E(739‘'1‘4.30‘0.:252#

.‘<.12'857‘.;‘305‘3'65‘;'3‘3.‘0.,8‘(‘ (7,'(6513$‘(18‘3.‘3(?5‘ 2:<0‘(‘<.:725‘(2‘'3‘45‘1.3‘05,8‘.I57‘,.1-$‘4:37(3057‘30(3‘ 651‘3(?5‘1.3'<5‘.;‘(‘752.,:3'.1‘'1‘0'2‘ # 1.3‘3.‘0.,8‘'3‘ (4.I5‘2:<0‘(‘3'65#

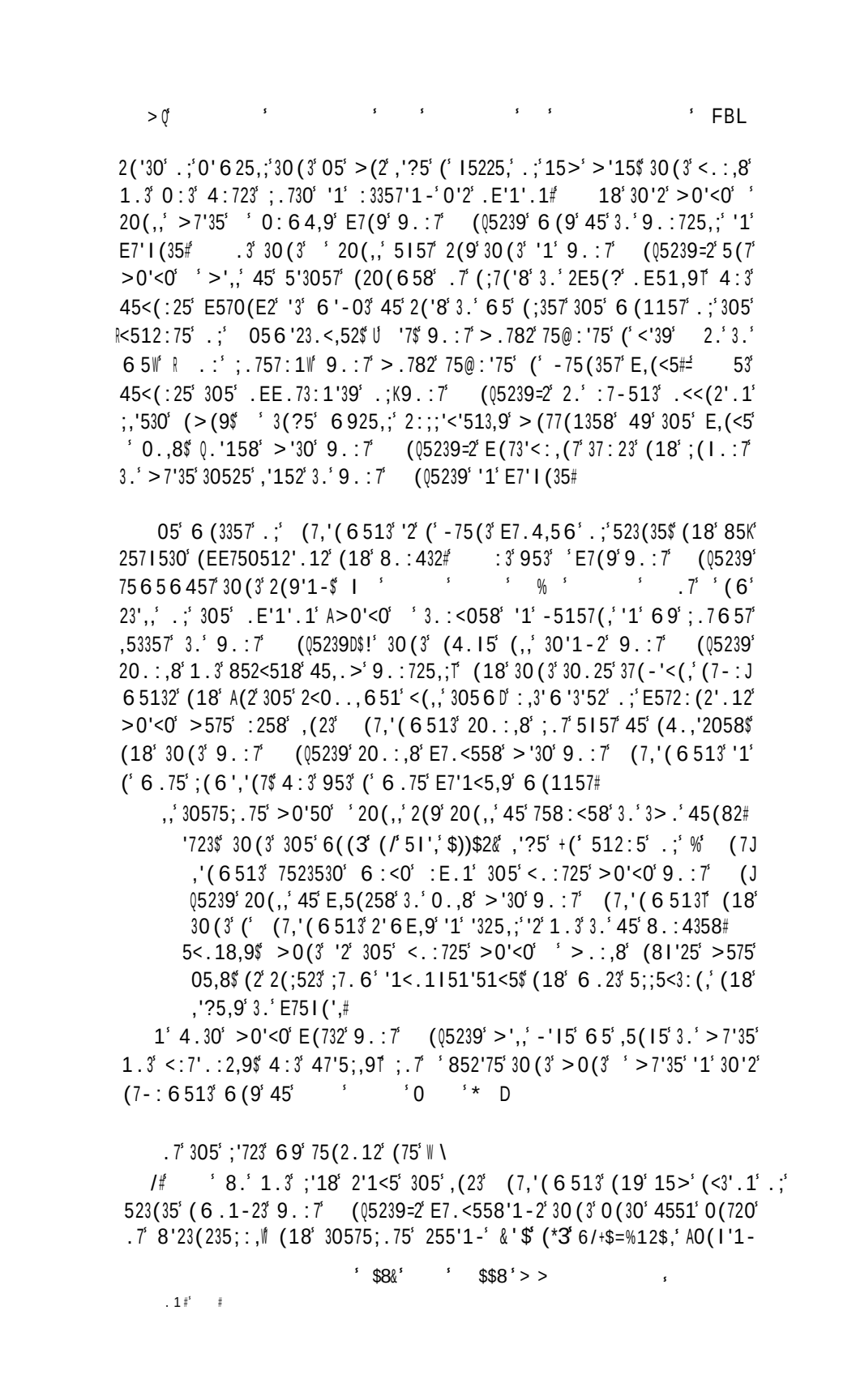
.‘<.12'857‘.;‘(‘;'3‘2E5(?57‘;.7‘305‘,.>57‘0.:25#

:<0‘>575‘305‘@:523'.12‘>0'<0‘0(8‘3.‘05‘<.12'85758# 05‘(12>572‘ >0'<0‘05‘>(2‘E75E(758‘3.‘-I5‘3.‘3056‘(3‘30'2‘3'65‘>575‘1.3‘253‘ 8.>1‘.7‘';‘3059‘>575$‘305‘75<.78‘0(2‘1.3‘2:7I'I58‘;.7‘:2# :3‘2.‘ 6:<0‘(2‘05‘>(2‘3051‘75(89‘3.‘.;'57‘'1‘305‘20(E5‘.;‘E7(<3'<(,‘(8I'<5‘ 05‘E7.<55858‘3.‘5GE,#('1‘'1‘(‘<.1;'8513'(,‘,53357‘(88752258‘3.‘305‘ '1-‘0'625,;#

.‘ 2‘ - K

3‘6(9‘E,5(25‘9.:7‘5G<5,,513‘ (Q5239$ 5;.75‘9.:7‘# (Q5239‘752.,I5‘>'30‘9.:7‘ .:125,‘<.1<571'1-‘ (‘ (7,'(6513$‘6'15‘'1<522(13‘<(75‘(18‘'1;'1'35‘852'75‘30(3‘9.:7‘ (Q5239=2‘(;;('72‘6(9‘-.‘>5,,‘0(I5‘6(85‘65‘'1‘305‘<(25‘.;‘ ,'0:$ >0.‘30.:-0‘05‘ R(2‘305‘'1;57'.7‘(6.1-23‘ .4=2‘<.:125,,.72$‘953

! .;<;4 # '3# # 'I#$;.# FF # 579‘;('7,9‘>7'3351‘'1‘305‘ .6(1‘0(18‘ .;‘ .15‘.;‘ (<.1=2‘651# '-158‘49‘ (<.1‘0'625,;# .‘8(35$‘8.<?53$‘.7‘(887522#



4551 ,.1- 47.(<058D E(1:.3 4:3 >(G 85(8 (18 ;,(3$ (18 30(3 30575 0(30 4551 1. 15> 6 (3357 5'3057 3.7:4 :E (18 751I'I5 305 .,8 .7 3.-'I5 .3057 <(:25 .;8'25.13513$ 30'1?305 <(25 6:<O (651858 3.9.:7 (Q5239=2 (8I(13(-5# 3'2 37:5 30575 0(I5 4551 E7'I9 25(,2$ 4:3 '3 '2 (2 37:5 3059 >575 15I57 2.-513,9 5'3057 7(358 .7 E752258# 18 452'852$ E7'I9 25(,2 45 5I57 30.:-03 7(3057 (1 (337(<3'I5 30(1 (75E57<:22'I5 3.2:42'8'52#

05 Q:23'<5 :E.1 6 9 .78 (1@:'7 0(30 8.15 9.:7 (K KQ5239 (-75(3 85(,.;'7'-03$ 20.>'1-30(3 9.:7 (Q5239 '2 ;'G58 '1 30(3 752.,:3'.1$

7.2 97':2@:. 4+*+ 1. (3+,2/+4+1$ (-5317 W

>0'<0<573('1,9 0(30 75<3';'58 305 2E,551K2'85$ 0.>2.5I57 '3 '2 >'30 305 ,'I57#

> 53 '3 1.3 .;;518 9.:7 (Q5239 ';' 2(9 30(3 305 (7,2 .;(,'2J 4:79 (18 :14(775!0(I5 3(?51 (-75(3 85(,.;'5119;7.6 9.: (18 <(77'58 '3 '13.305 .3057 >.7,8$ (18 ,5;3 :13.9.:7 (Q5239 (Q:23 ,'I572'.1.;6 (19 8'2<.135132#

H# 0(3 .EE.2'3'.1 >0'<0 >(2 305 ,(23 (7,'(6513 3.9.:7 (Q5239=2 4:2'1522$ (2 6:<0 (2 >(2 1.3 4 D 4:3 .:3 .;'E(739$ <.1<5'I5 3.45 1.>6:<0 >5(?57 30(1 '3 >(2$ (18 30(3 E(739 (,6 .23 8'22.,I58# 5,I573.1 '2 >.1 (1852 '2 ;(,,51 .;;T 75> (18 985 23(18 3.45 257Q5(132T 7.<?5 '2 85(8T 5I5,,' 0(30 0.E52 T ('=?5,59 30'1?>',' 45 752E5<3'I5 T (73'1 0(30 6.: 9 '1 0'2 E:725T :8,59 '--52 (18 .,92 (75 9.:72# 52'852$ 3059 <(11.3 4:3 ;'18 6.75 (18 6.75 305 I(1'39 .;30(3 E.E:,(7 <.:725T 2E5<'(,,9 9.:7 (Q5239 0(I'1- <(77'58 9.:725,;' '1 30(3 E7'1<5,9 356E57 3.>(782 3056$ (2 1.3 3.E5725<:35 .7 8'2-7(<5 3056$ 1.7 953 3.:25 .7 (8I(1<5 3056 N

3 >(2 1. 6(7I5,' 305 ,(23 (7,'(6513$ 651 45'1-E.2252258 >'30 (4(7-('1$ ';' '3 4758 '1 3056 (1 '18'2E.2'3'.1 3.-'I5 T 4.30 45<(:25 305 475(?'1-,5;3 (?'18 .;8'2<.13513$ (18 452'852 (7J -('1 (18 ';3 (75 ;(2 305 E.R23,5 2E5(?530 .;7(<5 (:8 .7?2 T (18 0.>2.5I57 3059 8'23'1-:'2058 :EE,9 (18 :EJ E.73 '1 >.782$ 953 3059 >575 <.66'G58 '1 651=2 05(732$ (18 305 513573('1'1-.;305 30.:-032 .;305 .15 8'8 <7.22 (18 >(2 (8'2J 3:74(1<5 (18 '6E58'6513 3.305 .3057#

= N G 0:Q''2 6.73.6(-1(,v3'3'(8 3.3(6 <.3'(6 E.7I51'3 T 1:,,:2 -56'3:2$ 1: :2 ',53:2$ 1'2" ' '7.'53 -5157'#P .0123.15$ 57# 7'3# '23# E# HLC#

/B/F#á ' %' ' ' ' ' FC/

B# (23,9$ ' <(11.3' 5G<:25' 0'6' 30(3' '2' -.15' .;' (1' (73';'<'(,' (1'6(3'1-' .;' 305' 5-(3'I5T' >0'<0' '1;:2'.1' .7' '1;,:51<5' 1.>' <5(2'1-' '0(I5' 453357'0.E5#

.7' 305'<.:725' '>'20'3.' 45' 05,8$ '6.23'0:64,9' 45255<0'9.:7' (Q5239'3.' E(78.1' 305' ,'45739' (18' 2'6E,'<'39'>0'<0' '20(,,':25# '20(,,'8'237'4:35'30(3'>0'<0' '(6'3.'2(9'13.';.13'E7.E.2'3'.12# 05';'723'2\

/# 0(3'9.:7' (Q5239'8.';.7'30'2' (7,'(6513'E:3'.;'305'E572.1' .;'(6 57<0(13' (18'<.137(<3.7$ (18'7523':E.1'305'E572.1'.;'(' '1-# 573('1,9'>051' '05(78'305'.I573:752',(23' (7,'(6513'<(77'58''1' 2:<0'('237(1-5';'-:75'(18'85($ (2''';'9.:7' (Q5239'20.:,8'1.'6.75' A;.7'6(3357'.;'E7.;'3D'0(I5'155858'9.:7'2:4Q5<32=05,E$ 1.7'9.:7' 2:4Q5<32''1'30(3'?'18' 20.:,8'1.'6.75'0(I5'155858'9.:7'-7(<52' (18'451'-1'39$\ 6530.:-03$ 452'852'305'8';;'<:,39'Z'1'15G3'85-755' 3.'(1''6E.22'4','39D$ '3'>(2' ',' (18' (,6.23'<.1J 37(79'3.'305'I579';7(65'.;'(' 6.1(7<09$ (18'30.25'.7'-'1(,'.4,'J -(3'.12'>0'<0''3''2' .8=2'>',,'20.:,8''1357<585'453>551' '1-'(18' E5.E,5#

52'852$ (2'30'1-2'1.>'23(18$ 9.:7' (Q5239'0(30'75<5'I58' '1J ;'1'35'E75Q:8'<5'49'305'<.125@:51<5'.;'305'15>' 1237:<3'.12';.7' 305' .:73'.;' (782'W ;.7'1.>''3''2'(,6.23'6(85'E:4,'<'30(3'305' E7.;'32'.;'305' (782'45'1-'0:24(1858'3.'305'4523''6E7.I56513= A>0'<0''2':3357,9':137:5D'953'(6.:13530'3.'('26(,,'6(3357T' (18' 2.'305'2:423(1<5'.;'9.:7'4(7-('1'5G3756 5,9'8'2I(,:58#

R # 9' 25<.18' E7.E.2'3'.1''2'30(3'9.:7' (Q5239' 6(?5' 30'2' (7,'(6513'4:3'(2'('% ' P -,'(18'(<<.78'1-,9'30(3'9.:7' (J Q5239'E7.E.73'.1'9.:7'856(182' (18'5GE5<3(3'.1# .7'(2'30'1-2' >575' 6(1(-58',(23' (7,'(6513$ >5' (75''1'30(3'<(25$ ')' % ' ' % % ' 13',' 9.:7' (Q5239'0(I5'3:158'9.:7' '1237:6513'9.:'>',,'0(I5'1.'0(76.19# $';.7'69'E(73$ 30'1?''3' ('30'1-''1523'6(4,5'3.'9.:7' (Q5239=2'2(;539'(18'257I'<5$ 30(3' 9.:'.1<5'E(73'>'30'9.:7' (7,'(6513'>'30',.I5'(18'75I5751<5# 05'E7.E.73'.12' '>',,'1.3'1.>'852<518':13.'4:3';'305'E(9J 65132'6(9'45'@:'<?5158$ 30575''2'6:<0'-.3351#

18';'3'45'2('8$ 0'2' (Q5239=2'.<<(2'.12'>',,'1.3'518:75'30525' E7.<558'1-2' '952$ 2:75,9# (9' '(6'.;'.E'1'.1'3,'(3' >0(3'2#3.'45'8.15';.7'0'2' (Q5239=2'-..8$ (2'>5,,'49'305''6J E7.I56513'.;'0'2'.>1'(2'49'305'('8'.;'0'2'E5.E,5$ '3'6:23'45

* 55'E# FB/$>0575'305''6E7. 57(513''2'2.3'8.>1'(2' $ ¸ j#¸

8.15 (18 1.3 ;.7 '3 '2 305 2.(?'1-7('1 (18 1.3 305 35 6 E523K30(3 75,'5I530 305 -7.:18#

F# 9 30'78 E'=.E.2'3'.1 '2 30(3 30'2 (7,'(6 513 6 (9 45 (','33,5 758:<58 3.' 305 6 .75 (1<'513 ;.76 A;.7 '(<<.:13 '3 0:3 (';.76 D$ >0'<0 >(2 3.' I.'<5 305 (7,'(6 513 3.' 45 ;.7 2.65 .3057 4:2'1522 .;' 523(35$ (18 1.3 6575,9 ;.7 6 .159T 4:3 30(3 3.'<.65 '1 :E.1 305 495$ IO(32.5I57 305 37:30 45# 18 ,53 '3 1.3 45 2('8 30(3 30'2 '2 4:3 8(1<'1-' '1 ('153$<.12'857'1-' 305 '1-=2 >(132 0(I5 4551 6(85 2.K1.3.7'.:2'Q ;.7 65(1 '3 1.3 '1 E.'13 .;' 8'22'6:J ,(3'.1 4:3 '1 E.'13 .;' 6(Q5239 (18 0.1.:7T 30(3 305 E5.E,5 6(9 0(I5 2.65>0(3 5,25 3.' 3(,?'.;' (18 1.3 >0.,,9 .;' 305 '1-=2 52J 3(35T (18 30(3 E(7,'(6 513K6 51 6(9 1.3 >0.,,9 45 E.2252258 >'30 30.25 30.:-032T (18 30(3 ';' 305 '1-' 20.:,8 0(I5 .<<(J 2'.1 3.' 475(?' :E 0'2 (7,'(6 513 2:8851,9$ 30575 6(9 45 6.75 <'I','<.,.:7 3.' 8.' '3# 0(3 20(,,' 45 305 <(:252 .;'523(35 -'I51 ;.730 >053057 305 .E51'1-' .7 '1<75(25 .;' 37(85 A>0575'1 6553 >'30 305 .4Q5<3'.1.;' 6E.2'3'.12$4:3 953 <.1<5'I5 '3 6(9 45 (<<.66.8(35D$ .7 >053057 305 E,(13(3'.1.;' 75,(18$ .7 305 758:<56513 (18# 75<.6E','1-' .;',(>2$ \ 307.>'1-' '1 2.65 495K6(33572 A(2 :33.1=2 523(35$!' .7 305 ,'?5D \ '3 6(9 45 ,5;3 3.';:73057 <.12'857(3'.1# :3 (6 2533,58 '1 30'2$ 30(3 2.65>0(3 45 E:4,'2058 452'852 305 6.159 6(3357T (18 30(3 '1 30'2';.76 30575 '2 6:<0 (8I(13(-5#

(23,9$ (2 >'20 (,,' E7'1<5,9 (18 ?'18 <.:7252 05,8 >'30 0'2 (Q5239=2 (7,'(6 513$ 2.' 15I57305,522 '3 '2 --.8 3.' 3(?5 (>(9 (2 6:<0 (2 '2 E.22'4,5 (,,' .<<(2'.12 3.' 6(?5 2:4Q5<32 E7.:8$ .7 3.' 30'1?' 9.:7 (Q5239=2 >(132 (75 756 58',522 4:3 .1,9 49 (7,'(J 6513# 18 30575;.75 <.:,8 >'20R'3 >575 -'I51 .:3 30(3 30575 (75 65(12 ;.:18 '1 0'2 (Q5239=2 523(35 3.' 05,E 0'6 25,;' A>0'<0 E(73,9 30'1?' '2 37:5D$ 4:3 30(3$ 45<(:25 '3 '2 1.3 305 >.7?' .;'(' 8(9$ 0'2 (Q5239 6:23 45 450.,8'1-' 3.' 0'2 2:4Q5<32T 4:3 (2 3.' ;(<','3(35 (18 2E558 305 75<.I579 .;' 0'6 25,;' 7(3057 30(1 .;' (1 (42.,:35 15<522'39# ,2.' 30(3 30575 45 1.' 47'-:52 1.7 <(1I(2252$ >0575.;' 05(7 3..' 6:<0T ;.7 <573('1,9 0.>2.5157 651 6(9 255?' 3.' I(,:5 305'7 257I'<5 '1 30(3 ?'18$ '3 >',' 4:3 '1<75(25 (1'J 6.2'3'52 (18 .EE.2'3'.12T (18 452'852 >',' 6(?5 >0(32.5157 20(,,' 45 8.15 3.' 45 '1 5I',' <.1<5'3 (6.1-23 9.:7 E5.E,5 '1 -5157(, (;357>(782#

F D'(3'2$ '2:EE.25$'1'<(25'3,'.'>',' >575'5I'<358# :8-6513 >(2';'1(9'-'I51' '1';(I.:7'.;'305'>',' .1' F78 :15$ /B/F#

0:2' 0(I5' ' 253' 8.>1' 3.' 9.:7' (Q5239' 69' 2'6E,5' .E'1'.1$' >0575'1' ' 6(?5' 6925,;' 45,'5I5' ' 255'(';('7'>(9'307.:-0'305'E75J 2513' 4:2'1522$' (18'(' ' ' 3.' 305' 6('1# :3' ' 2:46'3' (,,' 3.' 9.:7' (Q5239=2' 0'-0'>'28.6$' 6.23' 0:64,9' 852'7'1-' E(78.1$' (18' E7(9'1-' 305' 0'-0523' 3.' 8'75<3' 9.:' ;.7' 305' 4523# .:7' (Q5239=2' 6.23' 0:64,5 818' 37:5' 2571(13$;3# #

0525' E(E572$' 30.:-0' 3059' 0(8' 4551' 2551' 49' 7# (,,(6'(18' 0(I5' 2'1<5' 4551' ,(7-5,9'<.66 51358' :E.1' 49' 7# (78'157$' 0(I5' 1.3' '1' 69'.E'1'.1' 75<5'I58' 305' (33513'.1' 3059' 85257I5$' >053057' (2' ',,:237(J 3'.12'.;' (<.1=2' E.,'3'<(,' <(7557$'.7' (2' 5I'851<5' <.1<571'1-' 305' 0'2J 3.79' .;' 305' 3'65# 05' <.1;'8513'(,' <0(7(<357' .;' 305' ,53357' 3.' 305' '1-' -'I52' '3' (' E5<:,'(7' I(,:5$' (2' <.13('1'1-' (<.1=2' .>1' E7'I(35' (18' .7'-'1(,' .E'1'.1# 0(3' (' 6(1' >7'352' .7' 2E5(?2' <.1<571'1-' 6(33572' '1'>0'<0' (' 752.,:3'.1'0(2' (,75(89'4551'3(?51'49' .30572' .7' '1' <.1<573' >'30' 3056$ 8.52' 1.3' 15<522(7',9' '18'<(35' 0'2' .>1' E572.1(,' .E'1'.1# 5' 6(9'45' .1,9' 6(?'1-' 305' 4523' .;' (' <.:725' >0'<0' 0(2' 4551' <0.251' (-('123' 0'2' Q:8-6513' (18' (8I'<5'† (18' 30575' (75' 6(19' E(22(-52' '1' (<.1=2' .;;'<'(,' (18' (7,'(6513(79'<(7557' >0'<0' (75' 3.' 45' 75(8' >'30' 30(3' @:(,';'<(3'.1# :3' >0575' (' 6(1'-.52' .:3' .;' 0'2' >(9' 3.' .;';57' 0'2' .E'1'.1' '1' E7'I(35' :E.1' 6(33572' >0'<0' (75' 23',,' :1857' <.12:,3(3'.1$' (18' 30(3' 3..' >'30' (' I'5>' 3.' '1;,:51<5' 305' 85<'2'.1$' 30575' >5' 6(9'45' 2:75' >5' 0(I5'0'2' .>1' -51:'15'I'5>2# 0575' '2' 1.J 30'1-' 3.' 75237('1' 0'6' ;7.6' 75<.66518'1-' 5G(<3,9' >0(3' 05' 30'1?2' 4523# 3' '2' >.730' >0',5' 30575;.75' 3.' 5G(6'15' 30'2' E'5<5' .;' (8I'<5' (' ,'33,5' 6.75' <,.25,9$' 30(3' >5' 6(9'45' 305' 453357' E75E(758' 3.' 255' 0.>' ;(7' '3' >(2' (3351858' 3.$' (18' >'(3' >575' 305' <.125@:51<52' .;' 15-,5<3J '1-' '3#

05' <.:725' 75<.66518 58' 49' '7' 5179' 5I',,5' >(2' 1.' 8.:43' 6:<0' 2'6E,57$' (18''' >5' 6'-03' (22:65' 30(3' 305' 2:<<522' .;' '3' >(2' (2' <573('1' (2' 05' 0'625,;' 3..?' '3' 3.' 45$' 6'-03' Q:23,9' 45' E75;57758# 3' 2556 2' '18558' 3.' 0(I5' 4551' ;7(658' ;.7' (1' (-5' .;' '11.<51<5$' >051' E5.E,5' 0(8' 1.30'1-' 3.' 8.' 4:3' 3.' 45'-..8# 53' 305' '1-' 2:2E518' ;.7' 305' E75251 3' (,,' E7.Q5<32' ;.7' 7('2'1-' 6.159' '185E518513,9' .;' (7J ,'(6513'† 6(?5' :E' 0'2' 6'18' 3.' -7(13' 3.' 0'2' 2:405<32$' (2' .;' -7(<5$' 305' 30'1-2' 3059' 852'75'† ;.745(7' (19' 2E55<0' 30(3' 6(9''77'3(35'† 2556' <.1J ;'8513' .;' 305'7' (;'5<3'.1'† 2E5(?' -7(<'.:2,9' 3.' 305' E5.E,5' 8:7'1-' E7.J -7522' † 3(?5' 1.3'<5' .;' 305' E7'1<'E(,' -513,5651' (18' ,53' 3056' ?'22' 0'2' 0(18' † N' -'I5' .7857' 3.' 305' 7<04'20.E' 3.' E7.0'4'3' (,,' 4..?2' (18' '1J I5<3'I5' 2576.12' (-('123' 305' (7,'(6513$' 2.' E2' 1.3'<5' 6(9'45' 3(?51' .;

FCH$ <2 2 ' 3' < ;2' d2' ;1 ' " ' R + 'C

0'2' (Q5239=2' <.7(6(18:(513' 45;.75' 305' 6 553'1-E57:25' 305' -7'5I(1<52',(23'5G0'4'358$ 255'30(3'(,,'E7.6'252'0(I5'4551'E57;.7658$ (18'N';'05'>.:,8'E,5(25'3.'45'-7(<'.:2P'1'(19'.;'305'.30572$ N'8.'3' .;'0'625,;'45;.75'05'45'E7522258 (I'1-'2:66.158'0'2' (7,'(6513' 3.'6553'(3' '<0(5,6(2$,53'0'6'45-'1'49'(11.:1<'1-'3.'3056'2:<0' ;(I.:72'(18'-7(<52'(2'05'2'75(89'3.'4523.>$'(18'1I'3'1-'('85E:3(J 3'.1'3.'<.1;57'>'30'0'6'(4.:3'305'7';:73057'856(182' ,53'0'6'N'45' -7(<'.:2'3.'0'2'E5.E,5'1'305'E.'132'E7.E.258$.7'(19'.3057'.;'305' ,'?5'1(3:75'>0'<0'6(9'45'30.:-03'.;'49'305' .:25'>051'3059'6553$ A;.7'45;.750(18'1.'6(1'<(1'E75<'25,9'2(9'30525'30'1-2'>.:,8'45'85J 6(1858'(18'1.'.3057D \ 53'0'6'8.'(,,'30'2$(18' '7' 5179' 5I',,5' '2'75(89'3.'(12>57';.7'3$'30(3'N'1'('6.130'.7';'I5'>55?2'30'2'E.'13' .;'2:EE,9'1-'305' '1-'(18'.;'0'2'7537'4:3'.1'>',,'45'5(2',9'85357'6'158$ ';''3'45'E7.E.258'453'652'(18';.,,.>58'<,.25'(;357>(782$P \ N'30(3'0'2' (Q5239' 20(,,' 75<5'I5'(2'6:<0'<.13513651 3'.;'30'2'15G3' (7,'(J 6513'('' 05'75<5'I58'8'23(235'.;'305';.7657$ \ (18'30(3'(,,'30'1-2'>',,' 518'1'30(3'2>553'(<<.78'30(3'>',,'45'4.30'0.1.:7(4,5'(18'<.6;.73J (4,5';.7'0'2' (Q5239'(18'0(EE9';.7'305'>0.,5'75(,6#P' ;357'>0'<0 \ ' N'>051'0'2' (Q5239'0(30'6(85':25'.;'0'2'E5.E,5=2'(;;5<3'.12'3.'E:3' ''6'.:3'.;'>(13$'(19';'3'E7.Q5<32'30(3'20(,,'45'.:;5758'6(9'45'305' 4.,8,'57'513573('158'3.';',,'0'2'<.:;572#P'!

0(3'<.:,8'45'2'6E,57'.7'6.75'85,'-03;:,j' :3'>(2'05'0 ' 2:75'30(3'1.30'1-'>.1,8'45#852'758'49'305' .:25'.;' .66.12'4:3' >0(3'305' '1-$45;.75'05'?15>'>0(3''3'>(2$6'-03'2(;5,9'51-(-5'3.' <.1<585'j' 5<(:25''2:<0'('30'1-'20.:,8'0(EE51$'305'>0.,5'<(23,5' >.:,8'3:64,5#

E.1'30'2'5G3756 5,9'6E.73(13'E.'13$'305'.1,9'2(3'2;(<3'.1'>0'<0' '7' $ 5I',,5'0(8'3.'.:;57'>(2'0'2'.>1'<.1I'<3'.1'30(3'30575'>(2'1.' 8(1-57# 5'0(8','I58'(18'<.1I57258'13'6(35,9'>'3,'305',5(8572'.;' 305'.EE.2'3'.1'1'305',(23' (7,'(6513$N'?15>'305'7'1>(78523'30.:-032' .1'30(3'4:2'1522$P'(18'N'8:723':18573(?5';.7'6.23'.;'3056$'30(3'305' '1-=2' (Q5239'E7.<558'1-'1'('-7(<'.:2'<.:725'3.>(782'0'2'E5.E,5' 20.:,8';'18'30.25'-513,56 51'5G<558'1-'>',,'1-'3.'8.'0'6'257I'<5$(18' 3.'-'I5'0'6'2:<0'<.:3513651 3'(2'6'-03'2>55351'(,,'305K;.7657'8'2J 3(2352$(18',5(I5'4.30'0'2' (Q5239'(18'305'>.7,8';:,,9'2(3'2;'58'.;' 305'7'-..8'13513'.12'(18'.;'305'-5157(,';5<3'.1'.;'0'2'2:405<32#P' 5'<.:,8'1.3'2(9'5G(<3,9'>0(3'<.1<522'.12K>.:,8'2(3'2;9'3056'1'4:3

1 N' 5@:'7'1-'305' .:25'3.'1.6'1(35'('<.6E53513'1:6457'.;'F'.7'H $.7';5>57$ >0'<0'6(9'75E('7':13.'0'6'>'30'305'7'856(182$(18'45'(:30.7'M58$'4.30'3.'(2?'(18' (12>57'2:50'@:523'.12'(2'305'854(35'(4.:3'3056'20(,,'45-53$'>'30.:3'<.1<,:8'1-' .7'4'18'1-'305' .:25'1'(19'E.'13$4:3'.1,9'3.'<,5(7'30'1-2'(18'75E.73'(,,'4(<?'3.' 305' .:25'P \ A2:423'3:3'1-$'1'20.73$'<.1;5751<52'>'30'305' '1-';.7'<.:;57.1<52' >'30'305' .782D#

K 55'Ù 1'(8I'<5'b49' '7' 5179' 5I',,5a'3.:<0'1-'305'0.,8'1-'.;'(' (7,'(6513#± 7'1358'49' (78'157$''# E#F L#

05' 0(8' 6(85'N' (' <.,,5<3'.1'.;'2:<0' 30'1-2' (2'0(8' 4551' 49'25I57(,' 651' 852'758' 3.' 45' .43('158' .;'0'2' (Q5239';.7' 305' -..8' .;'0'2' E5.E,5$P' (18';7.6' 30'2''3' >.:,8' 45' 2551' 30(3' 3059' 8'8' 1.3' ('6'(3' (1930'1-':1J Q:23'.7':175(2.1(4,5#

570(E2' 1.3# :3' 30.:-0' 305' 30'1-2' (2?58';.7' :E'3.' 30'2' 3'65' 6(9'0(I5' 4551' 75(2.1(4,5$(18' 305',5(8572' 6(9'A,'?5' 5I',,5'0'625,;D' 0(I5' 4551';>','1-'3.' 7523' 30575$ >0.'<.:,8' (12>57';.7' 305';.,,.>572'j .857(35' 651' 6(9'<.13'1:5'3.',5(8' (2',.1-'(2' 3059'<.13'1:5'3.'(8J I(1<5# :3' (2' 2..1' (2' 305' E(739' >0'<0' 3059' 0(I5' <75(358' 0(2' ,5(7158' '32' 23751-30' (18' 305' 25<753'.;''3$ 305'7',5(85720'E' '2' 05,8' 3051<5;.7>(78' :E.1'R<.18'3'.1'.;'-.'1-'(2';(7' (18' (2';(23' (2'305'7' ;.,,.>572'>(13'3.'-.# ;'3059'23.E'20.73$ 3059' (75'7:1'.I57$ (18'305' ,5(8''2'3(?51'09'>0.5I57'-.52';.756.23# 1'30'2'<(25' 5I',,5'?15>' >0(3'<.1<522'.12'05'>(2'0'625,;'E75E(758'3.''12'23'.1'(2'305'<.18'J 3'.12'.;'('I.35'.;'2:EE,9$(18'?15>'3056'A>5'>',,'2:EE.25D'3.'45'Q:23$ 2(;5$(18'5GE58'513# :30.>'<.:,8'05'?1.>'30(3' .2?912'.7' 513J >.730'.7' 0:35'>.:,8'1.3''12'23':E.1'5G3.73'1-'49'305'2(65'65(12' 2.65'<.1<522'.1'>0'<0'05'>.:,8'30'1?'1Q:23$:12(;5$.7''15GE5J 8'513'j' .>'<.:,8'05'?1.>'30(3'3059'>.:,8'1.3'<(779'('6(Q.7'39' .;'305' .:25'>'30'3056'j' ;'3059'8'8$>0(3'<.:,8'05'(18'0'2';7'5182' 8.'3.'E75I513''3'j' 18';'3059'<.:,8'1.3'E75I513''3$''1'>0(3'<(25'8'8' 3059',5(I5'305' '1-'j' ;'(19'E7.I'2'.1'5'3057'.7'51<.:1357'1-'(1' :175(2.1(4,5'.EE.2'3'.1'.7'25<:7'1-''1'<(25'.;'75E:,25'(1'0.1.:7(4,5' 75375(3$ 30575'2'1.'0'13''1'(19'E(73'.;'0'2'E(E57#

(<.1=2'(8I'<5$30.:-0'E7.<558'1-':E.1'305'2(65'-7.:182'(18' ('6'1-'(3'305'2(65'5182'A;.7'2:<0'('% % '(2' 5I',,5'E7.6'258' >.:,8'0(I5'4551'(,,K05'>'2058';.7D$8';;572''1'25I57(,'E.'132'>0'<0'(75' 6(357'(,# 0(3'(' -7(<'.:2' 6553'1-'(18'E(73'1-'453>551'305' '1-' (18'305' (7,'(651'3'>(2'('30'1-'(42.,:35,9'15<522(79'30(3'1.'3'65' >(2'3.'45',.23'(18'30(3'05'20.:,8'E7.<558'3.>(782'305' .>57' .:25'>'30'<.1;'851<5$(2'0(I'1-'1.'8.:43.;'305'7'-..8'(;;5<3'.1W\' 2.';(7'3059'(-755# :3'(3'30'2'E.'13'3059'E(73#

;'305' '1-';.,,.>58' 5I',,5=2'(8I'<5$05'>.:,8'45-'1'(3'.1<5'>'30' (1'.;57'.;'0'2'4',,2'.;'-7(<5$(18'(1''1I'3(3'.1'3.'<.1;57'>'30'305' .>57'.:25':E.1'305'7'852'752'(18'-7'5I(1<52'05'>.:,8'3051'0(I5' 305'@:523'.1'.;'2:EE,9'(18'7537'4:3'.1'E7.E.258'(3'.1<5$(18';.,,.>58' <,.25,9$2.'30(3'305'>0.,5'4:2'1522'6'-03'45'<.1<,:858'>'30'1'(' 6.130'.7';'I5'>55?2W'05'>.:,8'6(?5''3''1';(<3'.2351 2'4,9'(18' 6575,9'(' 6.159'(7,'(6513# ;'05';.,,.>58' (<.1=2$30'2'>(2'305' I579'30'1-'>0'<0'05'>.:,8'2E5<'(,,9'(I.'8# 1'305'<.137(79$05' >.:,8'5185(I.:7'3.'47'1-'305' (7,'(6513'4(<?'3.'305'(1<'513';.76#

X .33# #$ '3# #'I#;.# #' ,'5' 656.7'(,' >0'<0'>(2'51<,.258'>'30'305' ,53357'.;'(8I'<5#

E5.E,5' ':' 305' E.'132' E7.E.258$ k-' -' ' ' ' B ' '9 % '
' ' '] \ >0'<0' >(2' 1.30'1-',522' 30(1' 305'<.1<522'.1' .;'
5I57930'1-' >0'<0' 0(8' 4551' .7' 6'-03' 45'856 (1858# ;'05';.,,.>58'
(<.1=2$ 05' >.:,8' 5185(I.:7' 3.' (I.'8',' (EE5(7(1<5'1.3' 6575,9' .;'
6'2-'I'1-' (2' 3.' 305' (;;5<3'.1' .;'305' .66.12$#0:3' .;'2.,'<'3:85' (2' 3.'
305' 5I513# 5' >.:,8',53' '3' 45' :185723..8' 30(3' 05'0(8' 305' 65(12' .;'
8'2564(77(22'1-' 0'625,;' >'30.:3' 305'7' 05,E$'!3,'.:-0' '3' >.:,8' 3(?5'
6.75' 3'65#

1<5' 6.75'\ ;' 05';.,,.>58' 5I',,5=2' (8I'<5' 05' >.:,8' 23(?5' (,;'.1'
305' '22:5$' (18' ';' 05',.23' >.:,8' 45',5;3' '1' (' <.18'3'.1' (2' 4(8'.7' >.725'
30(1' 305' 3'65;45;.75'\ ;.7' 305' E(73'1-' <.:,8' 0(78,9' 45' >'30.:3' (1J
.3057' @:(775,# ;' 05';.,,.>58' (<.1=2$ 05' >.:,8' 375(3' 305' 30'1-' (#2
(1' 5GE57'6513$' (18' 45' E75E(758' 3.' 655 3' ('8'2(EE.'1366513' >'30.:3'
8'2<.6E.2:75'.7' 205>' .;''77'3(3'.1# 05'-7.>'1-' 85E51851<5'.;'305'
7.>1':E.1' 305' .66.12' >(2' '18558' (';(<3' >0'<0' '3' 450.I58' 305'
7.>1'3.' (<<5E3' (18' :185723(18' (18' 75656457# 05' 351851<9' '1'
30(3' 8'75<3'.1' >(2' '151'3(4,5# 3''2' E7.4(4,9' 1.' 5G(--57(3'.1'3.' 2(9'
30(3' 305' 7.>1'>(2' (,75(89' 85E51851 3' :E.1' 305' .66.:2' 30(3' '2$
3059' 0(8' '3' '1' 305'7' E.>57' 3.' >'300.,8';7.6' 305' '1-' 305' 65(12' .;'
<(779'1-'.1' 305' -.I5716513$' (18' 3057549' 3.' 47'1-' 0'6' 3.' 305'7' .>1'
3576 2'\ 1.3' '18558' (42.,:35,9$ .7' (3' .1<5\ 4:3' ';' 3059' <0.25' 3.' E57J
25I575' '1' 75;:2'1-' 2:EE,'52' :13',' 305' <.18'3'.12' 3059' 856 (1858' >575'
<.6E,'58' >='30$ 3.' 30.25' <.18'3'.12' 05' 6:23' 0(I5' <.65' (3' ,(23# :3'
30.:-0' 30'2' >(2' 305';,'<3$ '3' >(2' (';(<3'1.3' 953' 85<,(758' (18' 6.23' 85J
2'7(4,5' '3' >(2' 30(3';.7' 305' E75251 3' '3' 20.:,8' 45' 8'2-:'258';7.6' E.E:J
,(7'.4257I(3'.1# 3' >(2' ;'3' 30575;.75' 30(3' 305' '1-' 20.:,8' (<3' (2' ';'
30(3' <.18'3'.1' >575' 1.3' 15<522(79' 3.' 0'6' >0'<0' 305' .66.12' 6'-03'
<.123'3:3'.1(,,9' 75;:25# 5' 6:23' '1';(<3' 45' E75E(758' 3.' 8.' >'30.:3'
'3$ (18',53' '3' 45' 2551' 30(3' 05' >(2' 2.' E75E(758# (<.1' 2(>' 30(3' 3.'
E7.8:<5' 30'2' '6E7522'.1' >(2' 1.>' 305' '1-=2';'723' .4Q5<31' (' ' '
K' 30(3' ';' 05' 2:<<55858' '1' 30(3' '3' >.:,8' 45' 51.:-0$ 30.:-0' 05'
2:<<55858' '1' 1.30'1-' 5,251' (18' 30575;.75' 30(3' 0'2' 37:5' E.,'<9' >(2' 3.'
<(779' 6(33572' 2.' 30(3' 305' 0.E5' .;'<.137'4:3'.1' 6'-03' 1.3' 2556' 3.' 45'
(' E7'1<'E(,' 6.3'I5';.7' <(,,'1-' 305' (7,'(6513$ 1.7' (19' 8'2(EE.'1366513'
'1' 30(3' 752E5<3' (' 6.3'I5';.7' E7.7.-:'1-' 3' 4:3' 3.' 375(3' '3' (2' (' 30'1-'
<.6E(7(3'I5,9' '66(357'(,$ >0'<0' >(2' 1.3' 522513'(,' 3.' 0'2' E:7E.252'
(18' 8'8' 1.3' (;;5<3' 0'2' E7.<558'1-2\ (18',5;3' 0'6' ;755' N' 3.' E(73' >'30'
0'2' (7,'(6513' >'30',.I5' (18' 75I5751<5' P \ ;.7' .1<5\ ' (' 30'1-' '1523'J
6(4,5' 3.' 0'2' 2(;539' (18' 257I'<5#P

'1(,,9$';' 305' '1-' ;.,,.>58' 5I',,5=2' (8I'<5$ 05' >.:,8' 37:23' (42.J
,:35,9' (18' '6E,'<'3,9' 3.' 305' -..8';('30' (18' E572:(2'I5' E.>572' .;' 305'
.EE.2'3'.1',5(8572$ >0.' :18573..?' 30(3' ';' 05' 8'8' >0(3' 3059' 4'8' 0'6'
8.$ 05' 20.:,8' 0(I5' >0(3' 05' >(1358# ;' 05';.,,.>58' (<.1=2' !C'(

0(8 2551 6(19 6.75 (7,'(6 5132 30(1 3059D$ 05 >.:,8 5185(I.:7 3.
E75I513 (,, <(1I(22'1- 3. ;.76 ('E(739 ;.7 0'6 '1 305 .:25$ (2 30(3
>0'<0 >.:,8 45 2:75 3. '51<75(25 (1'6.2'3'52 (18 .EE.2'3'.124:3
>.:,8 (3 345 2(65 3'6 5 15-,5<3 1. ;('7 65(12 .;<.1<','(3'1- 305 2:EJ
E.73 .7 (I573'1- 305 0.23','39 .; 305 25I57(, E(73'52 .; >0'<0 305
.:25 >(2 <.6E.258#

5 20(,, 255 '1 305 15G3 I.,:65 >0(3 <.:725 >(2 ;.,,.>58$ (18
>'30 >0(3 752:,32# .7 305 E752513$ 305 @:523'.1 >(2 (-('1 E.23J
E.158# 1 305 H30 .; :,9 .78 .730(6E3.1 75E.7358 3. '7
0.6(2 (?5 A>0. >(2 >'30 305 .:73D 30(3 305 .:1<', >575 4:29
>'30 305 <(75 .; 305 '1-=2 523(35 N .1,9 .; 305 (7,'(6513$ .7 75(J
2.12 5'3057 3. 6.I5 .7 756.I5 305 2(65$ 3059 0(8 0'30573. ;.74.715
3. 2E5(?7 45<(:25 '3 >(2 <.125@:513 3. E75<5851 @:523'.12 .7 8'2J
E:352 >0'<0 305 .782 .; 305 .66'22'.1 0(8 1.> '1 0(6657'1-#P'

4.:3 305 3'65 30(3 30525 30'1-2 >575 :1857 8'2<:22'.1$ (I(<(1<9
'1 305 51<0 -(I5 (<.1 (<0(1<5.; E7.6.3'.1 '1 305 1(3:7(, ,'15 .;
0'2 E7.-7522# 1 305 C30 .; :-:23 /B/F '7 0.6(2 ,56'1-$
0'5; :23'<5 .; 305 '1-=2 51<0$ 8'58# 3 >(2 (;('7 .EE.73:1'39
;.7 756.I'1- '7 5179 .4(73 ;7.6 305 E,(<5 .; 33.7159$;.7
>0'<0 (<.1$(2 >5 0(I5 2551$ 30.:-,'3 0'6 I579 ',, 2:'358 4:3 >0.$
0(I'1- 75<.I5758 ;7.6 0'2 ',,1522$ >(2 ,'?5,9 3. 0.,8 '3 :13', 05 <.:,8
<0(1-5 '3 ;.7 (45 3357# (<.1=2 ;'723 30.:-,'3 2556 2 3. 0(I5 4551 3.
-53 0'6 6(85 0'5; :23'<5 '1 ,56'1-=2 E,(<5$:E.1 >0'<0 0'2 .>1
2:<<522'.1 3. 305 33.715920'E <.:,8 0(78,9 0(I5 ;(',58 3. ;.,,.>$ 0'2
<,('6 45'1- 2. :1851'(4,5 (18 0'2 05,E 2. 6:<0 >(1358 (18 (2 '3 '2
1.3 3. 05 2:EE.258 30(3 05 >.:,8 ,.25 (19 3'6 5 '1 2:<0 (6(3357$ >5
6(9 2(;5,9 <.1<,:85 30(3 305 ;.,,.>'1- ,53357 3. 305 '1- >(2 >7'3351
.1 .7 (4.:3 305 C30 .; :-:23 /B/F#

(2 -

&4 %0 8*$%,$ 0(./ 4(,& $@2$**$1& %D$,&0;
%=+16.13$/,&((3 ()'&'$ 3$%&'' ()'&'$ (/3 '+$)' .,&+2$;
3(6/(.13 +1 %** '.4-*1,,'%1 %,,./$3 '(8$;&'%& 0(./ %7
D$,&0 C+** 1(& &'+1F ()'%10 (&'$/ -.& 0(./ 8((/ ,$/=%1&,; 0(./
%&&(/1$0 %13 0(./ ,(*+2+&(/; !(1$ ()'&'$4 I;R(/'&'%& 8*%2$ *,$
C$,'%** -$ *+F$ (%'5, 3(=$; 1(& F1(C+16 C'$/$ &(/$,& (./
)((&' (/'&'$ 8*%2$,' ()'/$,& %)&$/'&'$ $@&/$4$ 8%+1).* 8*%2$,

* # # .7(# (652 #$ I.,# GG'I# 1.# F#
N '4# (E#$ I.,# I'''# ;.# CB# R('7<.E9$ >'30 <.775<3'.12$ (,,' '1 (<.1=2 0(18#

> > ' ' ' ' ' # R + $'C

Q:8-52' >5,,' 3.' '3T' ;.7' '1' (' >5(E.1' >0(3' '2' (4(<?' >'30.:3' (1' 58-5'j

0'78,9$' 305' '1-' 20(,,' <.13'1:5' (18' (88' 75E:3(3'.1' 3.' 305' (33.7159=2' (18' 2.,'<'3.7=2' E,(<5' 49' 30'2' .7857,9' (8I(1<56513' .;$' 3056$' >0'<0'3>.' E,(<52' (75' 305' <0(6E'.1=2' E,(<52';.7' 0'2' 7'-032' (18' E757.-(3'I5$' (18' 45'1-' 237'EE58' .;' 305'7' 5GE5<3(3'.12' (18' 2:<<522'.12' 3.' -75(3' E,(<5' >',,' >(G' I',5$' (18' 3051' 0'2' (Q5239=2' E757.-(3'I5' -.530' 8.>1' 305' >'18# 52'852$' 305' 756.I5'.;' 69' .78' .?5' 3.' (' E,(<5' .;' ,522' E7.;'3' A30.:-0' '3' 45' >'30' 0'2' >',,D' 953' >',,' 45' 30.:-03' (47.(8' (' ?'18' .;' 8'2<'E,'15' 3.' 0'6';.7' .EE.J 2'1-' 0'6 25,;' '1' 305' '1-=2' <(:252$' 305' 5G(6E,5' >0575.;' >',,' <.1J 3('1' .30572' '1' 6.75' (>5#

(23,9$' >0575(2' 1.>' '3' '2' I.'<58' (47.(8' 3.:<0'1-' 305' 2:EE,9' .;' E,(<52$' (2' ';' '3' >575' (' 6 (3357'.;',(4.:7' (18' <(1I(22' (18' 6.159$' [(18' .3057' E572.12' (75' <0'5;,T9' 2E.?51' 3.' 45' 305' 651$' (18' 305' -75(3' 2:'3.72'T' 30'2' >',,' (EE5(7' 3.' 45' 305' '1-=2' .>1' (<3$' (18' '2' (' <.:725' 2.' 1(3:7(,' (18' 75-:,(7' (2' '3' '2' >'30.:3' (,,' 2:2E'<'.1' .;' 30.25' 49K<.:7252$' 3.' 305' '1-=2' '1;'1'35' 0.1.:7T' ;.7' 651' 2(9' 1.>$' 305' '1-' <(1' 6(?5' -..8' 25<.18' Q:8-52$' (2' 05' 0(30' 8.15' ,(35,9T' 4:3' 30(3' '2' 1.' 6(23579$' 45<(:25' 651' 2:5' 3.' 45' ?5E3';7.6' 30525' E,(<52# :3':.>' '2' 305' 37'(,' '1' 30.25' -75(3' E,(<52' 0.>' 0'2' (Q5239' <(1' 0.,8' -..8$' >0575' 30575' 2:<0' '2' -75(3' 2:'3' (18' 65(12#

1' 30'2' <(25$' (<.1=2' (8I'<5' >(2' (8.E358' '1' (,,' E.'132' 4:3' .15# .?5' >(2' 6(85' ,''5;' :23'<5'.;' 1-,(18W' .4(73' 0'5;' :23'<5'.;' 305' .66.1' ,5(2'T' 0'625,;' 33.7159' 5157(,$' (18' 5,I573.1' .,'J <'3.7# 1,9''1235(8'.;' 0(1-'1-' .:3' 305' ' .;'(' 7'I9' .:1<',,.7=2' E,(<hW' (2' (1' '18:<56513' 3.' .?5' 3.' 4.' 6.75' <.1;.76(4,5$' 305' '1-' 6(85' 0'6' (' 7'I9' .:1<',,.7' (3'.1<5$' >0'<0' 0(8' (' I579' 8';;5751'3' 5;;5<3#

>

0',5' 305' .I5716513' '1' 1-,(18' >(2' 30:2' 237:--,'1-' >'30' 305' 8';;'<:,3'52' '1<'851'3.=305' (7,'(6513(79' 29235 6' (3' 0.65$' (' -75(3' 5GJ E57'6513' >(2' '1' E7.-7522' ;.7' 305' '137.8:<3'.1' .;' (7,'(6513(79' -.I5716513' '13.' 75,(18W' (1' 5GE57'6513' I579' 756(7?(4,5$' >051' 305' <.18'3'.1' .;'30'1-2' (18' 305' 23(35' .;'.E'1'.1' '1' 4.30' <.:137'52' '2' <.1J 2'85758$' (18' I579' <758'3(4,5' '1' 69' .E'1'.1' 4.30' 3.' 305' (8I'2572' (18' 3.' 30.25' >0.' (8.E358' 305' (8I'<5#

;' 305' 5;.76(3'.1' 0(8' 3(?51' 305' 2(65' 0.,8' .;' 305' 1(3'I5' E.E:,(J &+(1' '1' 75,(18R(2' '1' 1-,(18' (18' <.3,(18$' 305' <(25' >.:,8' 0(I5' 4551

4.7.:-02# 18' 30'2' 756589' 05' 1.>' 752.,I5<,' 3.' 379# '2' ' 3.' 575<3' 4.7.:-02' >0575' 05' E,5(258' 8.52' 1.3' (EE5(7' 3.' 0(I5' 4551' 8'2J E:358$ (18' ' 8.' 1.3' 30'1?' 05' <(1' 45' Q:23,9' <0(7-58$>'30' 6 (?'1-' (1' '1356E57(35' :25' .;' '3# 05' 25,5<3'.1' .;' 305' E,(<52' >(2',5;3'3.' '7' 730:7' 0'<052357$ >0.' 4523' :185723..8' 305' 23(35' .;' 305' <.:1379'↑ (18*⁉30.:-0' <(75' >(2'#.;' <.:725' 3(?51' 3.' 6(?5'2:<0' (' 25,5<3'.1' (2' >.:,8' 25<:75' 305' 753:71' .;' (' 7.3523(13' 6(Q.7'39$ 953' 305';(<3' 30(3' :E.1' 305';'723';('7' 37'(,' .;' 23751-30' 453>551' 305' 3>.' E(73'52' 305' .EE.2'3'.1' 6:235758' LC' '1' (' 0.:25' .;' /$ E7.I52' 30(3' 305' (30.,'< E(739' >(2' 49' 1.' 65(12' 758:<58' 3.' '12'-1';'<(1<5# 0(3' 3059' >.:,8' 45' 2(3'2;'58' >'30' (' <.123'3:3'.1' >0'<0' E,(<58' 3056' '1' (' 6'1.7'39' (3' (,,$ >(2' 1.3' '18558' 3.' 45' 5GE5<358⁉ 3059' ≥.:,8' 0(I5' E75;57758' 1.' 8.:43' 3.' -.I571' 30562 5,I52' ;.7' 30562 5,I52$ >'30.:3' 75;5751<5' 3.' 1-,(18# :3' 30(3' <.:,8' 1.3' 45# 1' 305' 65(1' 3'65' 3059' 0(8' (' 237.?5' '1' 305' 6(1(-56513' .;' 305'7' (;;('72' >0'<0' >(2' 0.3' 3.' 45' 852E'258# .6E(75' 305' 1:64572$ (18' '3' >',' 45' 2551' 30(3' 305' 1(3'I5' 5,56513' 0(8' (' I.'<5' '1' 305' 1(3'.1(,' <.:125,2' I579' 6:<0' 6.75'E.>57J ;:,' 30(1' >5' (,,.>' 3.' '3' 1.># 3' 30'2' 8(9$ ';' (,,' 305' 7'20' 65645722' >575' 3.' I.35' (2'.15' 6(1' (-('123' ('4',,' '1' 305' .:25' .;' .66.12$ '3' 6'-03' 15I57305,522' 45' <(77'58' (-('123' 3056' 49' (' 6(Q.7'39' .;';'I5' 3.' .15# 1857' 305' <.123'3:3'.1' (2' 30:2' 75;.7658' 49' (652$ 305' 7'20' E(739' A5I51' ';' >5' (22:65' 30(3' 1.3' (' 2'1-,5' 7'20' 65645 7$ E7.E57,9' 2.' <(,,58$ I.358' >'30' 305' -.I571651 3$D' <.:,8' 1.3' 45' 85;5(358' 49' (' 6(Q.7'39' .;' 6.75' 30(1' 25I51' 3.' 3,'755#

1' 305' 2E7'1-' .;' /B/F' (,,' 30'1-2' >575' (3',51-30' 75(89' ;.7' 305' 5GJ E57'651 3'↑ 305' 4',,2' E75E(758$ 37(126'3358' 3.' 1-,(18$ 75I'258' 49' 305' .:1<',$ (18' 753:7158' :1857' 305' 75(3' 5(,↑ ,'<51<5' -7(1358' 3.' 2:66.1' (18' 0.,8' (7,'(6513↑ 65645722' 5,5<358$ (18*' 305' 6553'1-' ;'G58' ;.7' 305' / 30' .;' (9# N ' >'20' P' A2('8' 0'<052357$ >7'3'1-' 3.' '7' .01' (I'52' '1' 305' E75I'.:2' :-:23D' N' >5' 6'-03' <(779' '3$ (18' E75I(',' '1' 305' 6(33572' 3.' 45' 0(18,58' '1' 30'2' (7,'(6513$ (2''2' 45K 0.I5;:,' ;.7' 0'2' (Q5239=2' 257I'<5' (18' -..8' .;' 305' ?'1-8.6↑ 4:3' ' 8.:43' 30575' >',' 45' -75(3' .EE.2'3'.1' 3.' (,,' Q'(3' '2' -..8$ (18' >5' 6:23' 51<.:1357' 3056' 305' 4523' >5' 6(9#=! ' @:'53' 23(73' >(2' 0(78,9' 3.' 45' 0.E58' ;.7$ (18' '3' >(2' E570(E2',:<?9' 30(3' 305' .EE.2'3'.1' 6(85' (' ;(,25' .15$ >0'<0' E:3' 3056' :16'23(?(4,9' '1' 305' >7.1-# 05';'723' 4:2'1522' >(2' 3.' 5,5<3' (' E5(?57# '7' .'73" (I'52$ 0(I'1-' 4551' 75J <.66518 58' 49' 305' 5E:39$ >(2' 8:,9' E7.E.258' '1' 305' .:25$ (18' A305' 6.3'.1' 45'1-' .EE.258D' >(2' 5,5<358' .1' (' 8'I'2'.1' 49' / C' 3.' LC# :3' 305' .52$ >0.' 756('158' '1' 305' .:25' >0',5' 305' 952' >513'.:3$ 3..?' 305' .EE.73:1'39' .;' 305'7' (4251<5' 3.' 5,5<3' 305'7' .>1' 6(1'(18

* ,''<0523.7' 3,' (I'52$ /H :-# / / # 7'1358' '1' 305' ';5' .;' (I'52' E75;'G58' 3.' 0'2'Ù '23.7'<(,' 7(<32$=E# G'G#

>Q \ ' ' ' ' ' ' 'F C

>575' 305' E7'1<'E(,' 305' -7'5I(1<52' >0'<0' >575' 1.3'<.6651858' 3.'30525' 652251-572' ;7.6' 305' E(739''1' 75,(18$4:3'2,5E3' (3',5(23' ('6.130' (;357'305'7'<.6'1-'0'3057$(18'>575'4:3'4(3<058'49'30525' 4:294.8'52' (2' % ' ' ;' (7'8' (75'8'I572'.;'3056'.;'2.' I:,-(7'('1(3:75'(2'3059'(75'<.6E,('158'.;'4.30'1' 1-,(18'(18' 75,(18$(18'4.30'1.>'(18'(3'(,,'3'652# .7'9.:7' #3.'-'I5' >(9':E.1'30'2'-7.:18'3.'2.'E(73'<:,(7'(1'!51@:'79'.;'(,,'30525' E.'132$''<.1;522''30'1?''2'9 :'#. ;';.7'3059'(75'253' 8.>1','?5''13577.-(3.7'52''1'('2:'3''1',(>#

18'69';5(7''2'3059'>',,'<(,,':E'(18'23'7'2:<0'('1:6457'.;'<.6J E,('132'(18'E53'3'.12$A>0'<0'1.3'45'1-'E.22'4,5'3.'45'2(3'2;'58D' 30'2'<.666'22'.1'65(13';.7'2(3'2;(<3'.1'>',,'518''1'6:76:7# :3'30525'30'1-2'>0'<0''>7'35'(75'E570(E2'4:3'69'577.72'(18' 2'6E,'<'3'52# .:7' !2'>'28.6'6:23'23557'(18'4(,,(23'305'20'E# .'6.23'0:64,9'<7(I'1-'E(78.1''5157'7523'

.:7' (Q5239=2'6.23'85I.35

%13')%+&').*,.-D$2&%13',$/=%1&;

;%' #

>' .6' >;

&'4%0''%=$'-$$1'+1'2(1,$E.$12$()'&'+,'%3=+2$'&'%&'&'$'+1,&/.27 &+(1,'C$/$'3+=+3$3'+1&('&C('3+,&+12&',$&,;'&'$')+/,&'L'2(12$/1+16' 4%&&$/,'()'%/*+%41&;M'&'$',$2(13'L'2(12$/1+16'&'$'6$1$/%*'6/+$=7 %12$,'()'&'$'F+163(4M'.&''%=$'1(').'/&'$/'+1)(/4%&+(1'%,'&(' C'%&'C%,'3(1$'C+&''&'$4'3./+16'&'$')(/&1+6'&'C'+2''+1&$/=$1$3' -$)(/$'&'$0'C$/$')+1%**0',$&&*$3N

0',5'3,'.'.66'22'.1572'>575'E:72:'1-'305'7''1I523'-(3'.1$(1J .3057'@:523'.1'-7.>'1-''1<'8513(,,9'.:3'.;'305'2(65'4:2'1522'>(2' 7<,57758'3.'305'7.>1',(>9572';.7'(1'.E'1'.1''1'E.'13'.;',(>'305' 75E.73':E.1'>0'<0'25562'3.'0(I5'4551'(<.1=2',(23'257I'<5(2'.,'J <'3.7'5157(,#

1'('4..?'75<513,9'E:4,'2058'49'O:(752$305'52:'3'.;'.'647($ 305'8:39'.;';('30;:,'2:405<32'3.>(782',5753'<(,'?'1-2'85E7'I58'49'305' .E5'0(8'4551'253';.730'I579'8'23'1<3,9# G37(<32';7.6'30'2'4..?' 0(8'4551'205>1'49'7<04'20.E'44.3'3.'2.65'656457 2'.;'305'7'20' 85E:3(3'.1$!'>'30'856(18'3.'?1.>'>0(3'3059'30.:-03'.;'305'8.<37'15' ,('8'8.>1# >.'.;'3056$052'3(3'1-*3.'75E:8'(35''3'8'23'1<3,9

R' 05' .66'22'.1'>(2'8(358' 3,' :-:23'/B/F# 05' .66'22'.1572'8'8'1.' (77'I.''1' :4'1'3','305' 30'.;'5E3564 57# '")' D','# F$ FH# ! (78'157$''# E# F/ #

R ' <K

FL <2 21 ' 3' < ;2' " ;' ;1 ' " ' R +¥$' C

8752258$ (18' 953' 1.' 6 .75' 1.'25' >(2' 6(85' (4. :3' '3# .' <.1<,:85' ;7. 6' 30'2' 30(3' 305' .4Q5<3'.1' 0(8' 4551' >'3087(>1'(2' :1;. :1858' >. :,8' E570(E2' 45'3. .' 6 :<0# :3' '1' 305' (4251<5' .;' (,,' 5I'851<5' (2'3.' 305' ;(<3$ .3057' 30(1' 2>55E'1-' (22573'.12' 49' E(73'52' >0.' >575' 1 .3' (,>(92' <(75;:.' 3.' >5'-0' 305'7' >.782 \ A;.7' 305' @:523'.1' >(2' 1 .3' '1<,:858' (6 .1-' 30 .25' 75;57758' 3.' 305' .6 6'22'.1572' ;.7' '1I523'-(3'.1D \ '3' '2' 4:3' ;('7' 3.' E,(<5' 49' 305' 2'85' .;' 05' <. 6E,('13' 305' (12>57' >0'<0' 305' '1-' -(I5' 3.' '3 1' ;7. 6' >0'<0' '3' >',,' 45' 2551' 30(3' 30. : -0' 305' E,(<52' 6(9' 0(I5' 4551' E. .7$ 305' 25,5<3'.1' .;' 3056' ;.7' 4.7. : -02' 6(9' 15I57J 305,522' 0(I5' 4551' E. ,'3'<$ (2' 3518'1-' 3.' 9' >5(,30' (18' E.E:,(3'.1' 3. >(782' 305' E(732' >0575' '3' >(2' >(1358# N' 5<(:25'K33'5' 595' .;' 305' 6(2357' 8.30' 6(?5' 305' 0.725';(3P' A2('8' 3''5' '1-D' N' ' 0(I5' :258' 6'15' .>1' 5952' '1' 3(?'1-' (' I'5>' .;' 30.25' 4.7. : -02$ (18' 0(I5' 2551' (','23' .;' 3056' (,,# .8' '2' 69'Q:8-5$ ' ;'18' 305' 15>' 4.7. : -02$ 5G<5E3' .15' .7' 3>.$ 3.' 45' (2' -..8' (2' 6(19' .;' 305' .,8' 4.7. : -02$ <. 6E(7'1-' 7'20' 4.7. : -02' 15>' >'30' 7'20' 4.7. : -02' .,8$;.7' ' >',,' 1.3' 2E5(?' .;' 305' 4.7. : -02' .;' .3057' <. : 137'52' \ (18' 953' 452'852' 305#15<522'39' .;' 6(?'1-' 3056$ ' ;'18' 3056' ,'?5' 3.' 51<75(25' (18' -7. >' 453357' 8(',9# ' ;'18' 452'852' 4:3' ;5>' 575<358' '1' 5(<0' <. : 139$ (18' '1' 6(19' <. : 13'52' 4:3' .15' 4.7. : -0' .1,9' ' ' % ' ' ' ' % * ' % ' ' ' ' ' ' ' -' ' ' % -' 530'1?2' 9. :' 30(3' 255?' 305' -..8' .;' 305' ?'1-8.6' 20. :,8' 45' -,(8' .;' '3# ' <(:258' .18.1' (,2.' 3.' 575<3' 4.7. : -02' 30575$ >0'<0' >051' 3059' (75' 30.7. : -0,9' E,(1358' >',,' 45' (' -75(3' 25<: 7'39' ;.7' 30(3' E(73' .;' 305' ?'1-J 8.6'I' 30575;.75' 9. :' @:(775,' (3' 30(3' >0'<0' 6(9' 47'1-' E5(<5' 3.' 305' <. : 137I#P *

#

05' 75,. :<3(1<5' .;' .?5' 3.' 45' E7. 6 .358' 3.' 305' 0'5;' :23'<520'E' .;' 1-,(18' >(2' (3',51-30' .I57<. 65$ (18' 305' .3057' <0(1-52' ;.,,. >58' (<<.78'1-' 3.' (<.1=2' 2: - -523'.1# N' 1' .18(9$P' 2(92' 0(6457,('1$ >7'3'1-' 3.' ('=,53.1' . :' 581528(9' 305' C30' .;' <3.457$ N 305' .78' .?5' A30. : -0' 15157' 2.' ,.30D' >(2' <(,,58' :E' '13.' 305' '1-=2' 51<0$ (18' 30575'2>.71' 0'5;' :23'<5#' 5'E(7358' 8.,5;:,,9';7. 6' 305' .6 6 .1' ,5(2$ 1.3' .1,9' >55E'1-' 0'6 25,;' 4:3' ;.,,. >58' >'30' 305' 35(72' .;' (,,' 30(3' 51<0$ (18' 6 .23' .;' 305' .;;'<572' .;K30(3' . :73# 05' 15G3' 8(9' '7' # .4(73' >(2' 6(85' 0'5;' :23'<5' .;' 305' .6 6 .1' ,5(2$ '7' 7(1<'2' (<.1' 33.7159$ (18' 5,I573. :' .,'<'3.7# 0575' '2' ('237.1-' (EE750512'.1' 30(3','33,5' - ..8' '2' 3.' 45' 5GE5<358' 49' 30'2' <0(1-5$ (18' 3,'(3' (<.1' 6(9' E7. I5' (' 8(1-57. :2' '1237: 6 513#=!

3' >(2' E7.4(4,9' (3' 30'2' 3' 6 5' 30(3' (<.1' >7.35' 305' ;.,,. >'1-' ,53357

¶ 52# :7# 1',D#$ '# F #
* # # .6# (652' #$ I.,$?G'I# 1.# L#

&(' &-$' +16& C'+2'' 2(4$,')/(4'&'$' 2(**$2&+(1' %&' %4-$&'' &' +,' %2(80' (/' 3/%)&=$/0' '%,&+*0' C/+&&$1'+1'' +,' (C1'' '%13,' %13' '%,'1(' 3%&$' .&' +&' $=+3$1&*0' /$)$/,' &(' ,(4$' 8/(4(&+(1,' %13'&'$' C(/3'L'8/(2./%7 &+(1'M' +,' 4(,&'8/(8$/'&('&'$'8*%2$' ()' &&(/1$0A 1/%*

.' ' -

3' 6(9'E,5(25'9.:7' (#

' ;:,,' 05(73'2',?5'(';:,,'E51'' '3'5(1'0(78,9'6(?5'(19'8'2J 3'1-:'2058'>.7?# 05'6.75'',..?''13.'6'15'.>1'>5(?1522'305' 6.75'' 6:23'6(-1';9'9.:7';(I.:72'(18'305'6.75'' 450.,8'9.:7' ;(I.:72'305'6.75'' 6:23'<.12'857'6'15'.>1'>5(?1522# 0'2''2' 69'0.E5'30(3' .8' >0.'0(30'6.I58'9.:7'05(73'3.';(I.:7'65' >',,'>7'35'9.:7'257I'<5''1'69'05(73# >.'30'1-2'' 6(9'E7.6'25'Q ;.7'30.:-0'3059'45'1.3'6'15'.>1'953'3059'(75'2:757'30(1'6'15' .>1'45<(:25'3059'(75' .8=2'-';321'30(3''2''135-7'39'(18''18:2J 379# 18'30575;.75'>0512.5I57' '20(,,'6(?5'69'(<<.:13'3.' 9.:'' '20(,,'8.''3''1'30525'>.782'%%' D' % %,' (18'1.3' %%' ' % %' 18';.7''18:2379'' '20(,,'3(?5'3.'65''1'30'2' E7.<:7(3'.1'1.3' (730(=2'E(73'3.'45'4:2'58''1'6(19'30'1-2'4:3' (79=2'E(73'>0'<0'b'2a'3.''1351 8'9.:7'257I'<5' ;.7'305',522'69' (4','3'52' (75'305'6.75'3059'.:-03'3.'45'<.137(<358' ' .7'305'E75251 3' '0:64,9'E7(9'9.:7' (Q5239'3.'(<<5E3'69'6.23' 0:64,5'30(1?2' (18'I.>2'(2'305';.757:11572'.;'0.1523'257I'<52' >0'<0' '20(,,'(,>(92'E57;.76'>'30'(';('30;:,'05(73# .:7' (Q5239=2'6.23'.458'513'257I(13$; ' #

(' /$2(12+*$' (F$'&(' '+,'$*$=%&+(1,'&'$' +16' '%3' -$$1' (-*+6$3'&(' 8/(4+,$'&'%&'L'+)' '$'C(.*3' %22$8&'+&,' '$' ,'(.*3'3('+&'C+&''%,'4.2'' '(1(./'%,'$=$/'%10' (1$'C$1&'&(''&'%&'8*%2$GM5'C'+2''C%,'.13$/,&((3' &(' -$%'8/(4+,$'()'% (..2+**(/,''+8'%&'&'$'*$%,&' 13' %22(/3+16*0' (1' &*+$ &''()' (=$4-$/,'%,'C$'*$%/1')/(4'&'$',%4$%.&'(/+&0,'L&'$' (/3' (F$'!C+&''4%10'6((3'%13'6/%2+(.,'C(/3,I'C%,',C(/1'% /+=0' (.17 2+**(/G' C'+2''(1(./'1(' 4%1'$1=+$,'' '+4,' +)' '$'F$$8'+1'' +,'/+6'& 2(./,$,'%13'&./1'1(&'&(' -$' &&(/1$0'%6%+1 MH

'$' (22%,+(1'(1'C'+2''' '$'/2+=$3'&'+,'*%,&'3+,&+12&+(1'C%,'&'$' 2$/$4(1+%*'()'2/$%&+16' +,2(.1&' (2'$,&$/'%/*'()' (4$/,$&'+1'8/$7 8%/%&+(1')(/'+,'4%//+%6$'C+&'' %30' ,,$@,'C'(,$'3+=(/2$)/(4''$/' '.,-%13''%3'%&'*%,&'-$$1'*$6%**0'%22(48*+,'$3' '$'8/(2$$3+16,'+1

f' 0(6457,('1'3.' (7,53.1$'/H' <3#/B/F# 5' ' ' (4' %4$,' ,'=(*' @@='1(' "' ' (/' >

(<.1' (18' 2.' -75(3' (' E5'=2.1' (2' .<052357$ >0.6' 5I5794.89' >(2' 3(,?'1-' .;' (18', . .?'1-' (3$ >'30. :3' 45'1-' .4257I58' (18' 75656 45758# ;' (<.1' 0(8' 0(8' (19' '1;, : 51<5R>'30' 305' 6 (1' >0.' ;. 7' 305', (23';'I5' .7' 2'G' 95(72' 0(8' ?5E3' 305' -(35' .;' 305' '1-=2' (;;5<3'.12$ 05' 6 :23' 0(I5' 0(8' I579';75@:513' .<<(2'.12' 3.' :25' '3 \ (18' 3.' :25''3' '1' (' >(9' >0'<0' >(2' 2:75' 3.' ,5(I5' 37(<52# 05' .15', 53357' (4.:3' 305' (2357J 20'E' .;' 305' (782' >.:,8' 0(I5' 4551' .15' .;' 6(19' j:<0# :3' 30575' '2' 1.' 37(<5' .;' (1930'1-' .;' 305' ?'18# 1' 305' <.137(79$ >051' 05' >(132' 305' '1-=2';(I.:7(4,5'5(7$ 05' >7'352' 3.' 305' '1-'0'625,;$ (18' 45-2' 30(3' '3' 6(9' 45' '1' E7'I(35# 3' 25562$ 0.>5I57$ 30(3''1' 0'2' 75<513' E7.6.3'.1' 3.' 305' 33.7159K 5157(,20'E',,.<052357' 0(8' E:3' 0'625,;';.7>(78' (2' 0'2' E(37.1# N' ' 6:23' 15157';.7-53$P' 2(92' (<.1$ >7'3'1-' 3.' 305' '1-' (4.:3'3>.' QR5(72#(;357$ N' >051' ' 6.I58' 9.:7' (Q5239';.7' 305' 33.7159=2' E,(<5$ '3' >(2' 9.:7'.>1' 2.,5' (<31' 6.75' 30(1' 30(3' .657253$ >051' 05' ?15>' 9-:7' (Q5239'0(8' 752.,I58' '3$ 307:23' 0'625,;''13.' 305' 4:2'1522' ;.7' (';55#P' .>';$ (2' '2:EE.25$ 05' 23..8' .:' 3576 2' .;'<.:73529' >'30' .657253$ 30.:-0' 1.3' .;' (;;5<J 3'.1' 752E5<3' .7' <.1;'851<5$ '3' 6:23' 0(I5' 4551$:1E,5(2(13' 3.' .>5' 5I51' (' 2556'1-' (18' E75351858' .4,'-(3'.1' 3.' 0'6# 05' (EE7.(<0'1-' 6(77'(-5' -(I5' 0'6' (1' .EE.73:1'39' 3.' E(9' '3' .;:# 0',5' (,,' 305' >.7,8' >575' 6(?'1-' E7525132$ \ .15' .;' E,(35$ (1.3057' .;';:71'3:75$ (' 30'78' .;' 0.7252$ (' ;.:730' .;' -.,8$ \ 05'<0.25' 3.' E752513' (' 6(2@:5'W ;.7' >R0'<0' A';' ' 0(I5'2:<<55858' '1';',,'1-' :E' 305' 4,(1?2' '1' 305'23.79' <.775<3,9D' (1' (<<'8513' 2:EE,'58' 0'6' >'30' (' 0(182.65' .EE.73:1'39# 05' 95(7' 45;.75$ .1' .<<(2'.1' .;' 305' 6(77'(-5' .;' 305' (89' ,'M(4530$ 3>.' Q.'13K6(2@:52' 0(8' 4551' E75251358' 49' 305' 112' .;' .:73$ \ .15' 49' 305' '88,5' 56E,5'(18' '1<.,1=2' 11$ 305' .3057' 49' 7(9=2' 11' (18' 305' 1157' 56E,5# 1' 305' E752513' .<<(2'.1' '3' 0(8' 4551' E7.J E.258' 30(3' (,,' 305';.:7' 112' .;' .:73' 20.:,8'Q.'1' '1' -533'1-' :E' (' 6(2@:5# :3' '3' <.:,8' 1.3' 45' 6(1(-58W >0575:E.1' (<.1' .;;5758' .1' 305' E(73' .;' 7(9=2' 11' 3.' 2:EE,9' 305' E,(<5' .;' '3' 49' (' 6(2@:5' .;' 305'7' .>1#

,;' 30'2$ 5G<5E3' 305' 8(35' A>0'<0' 6:23' 45' 6(3357' .;' <.1Q5<3:75D$ (EE5(72' ;7.6' (' ,53357' '1' (<.1=2' .>1' 0(18$ >0'<0' ' E7'1358''1' (' ;.7657' I.,:65$ 2:EE.2'1-''3' 3.' 0(I5' 4551' (88752258' 3.' :7-0,59$ 4:3' >0'<0$K:E.1' <,.257' 5G(6'1(3'.1' .;' 305' <(25' 45;.75' 65$ ' 1.>' 45,'515' 3.' 0(I5' 4551' (88752258' 3.' .657253# 2' (' ,53357' >7'3351' 3.' 2:<0' (' E572.1' .1' 2:<0' (1' .<<(2'.1$ '3' (<@:'752' (' 15>' I(,:5' (18' 2'-1';'<(1<5$ -'I'1-' ;7520' 51'851<5' 4.30' (2' 3.' 305' 3.15' .;' (<.1=2' '1357<.:725' >'30' 305';(I.:7'35' (18' (2' 3.' 305' 239,5':' >0'<0' 05' 8'8' 30'2' ?'18' .;' 30'1-# 18' 30575;.75' ' 75E7'13' '3' 0575$ 45'1-' 4:3' (';5>' ,'152$ '1' >0(3' ' 2:EE.25' 3.' 45' '32' 37:5'<.:15G'80# 05';,9K,5(;' 45'1-'-.15$ 305' (887522' '2',.23$ (18' 305' 8.<?53' 8.52' 1.3' 2:EE,9' '3K' 0575' '2

/ /F# ' % ' ' # >

(1' % ,' 3.' 75E(9' '3' 49' (19' E752513' >0'<0' <.:,8' 45' 3:7158' '13.' 6.159'>.:,8' 0(I5' 4551' .4Q5<3'.1(4,5$ (2' 3518'1-' 3.' <.:1351(1<5' 305' -75(3' (4:25' .;' 305' 3'6 52' A;7.6' >0'<0' (<.1' 2.' ;(7' 23(182'@:'35' <,5(7D' \ 305' 2(,5' .;' .;;'<52' ;.7' 6.159# 0575' >(2' 1.' 2:<0' .4Q5<3'.1' 3.' (' 6(2@:5# 2' (' <.6E,'6513$' '3' >(2' 2E,518'8$ (<<.78'1-' 3.' 305' 3(235' (18' 6(-1';'<51<5' .;' 305' 3'6 51' <.23,9' 3.' 305' -'I57$' 1.' 3' 15-.3'(4,5' 49' 305' 75<5'I571' I(,:(4,5' (2' (' <.6E,'6513$' 4:3$(2' 1.30'1-' 5,25# .7' >(2' '32' I(,:5' '1' 30(3' ?'18',' 6'358' 3.' 305' E(73'52' '1' >0.25' 0.1.:7' '3' >(2' -'I51# 3' <.1;57758' -75(3' 8'23'1<3'.1' :E.1' 7(9=2' 11$' '1' (' ;'5,8' '1' >0'<0' 7(9=2' 11' >(2' (64'3'.:2' (18' (<<:23.658' 3.' 20'15#

05' E'5<5' E57;.7658' >(2' E:4,'2058' 20.73,9' (;357$' >'30' ('858'<(3'.1' 3.' (<.1$ (2' N'305' E7'1<'E(,' (18' '1' 5;;5<3' 305' .1,9' E572.1' 30(3' 8'8' 4.30' 51<.:7(-5' (18' >(77(13' 305' -513,5651' 3.' 205>' 305'7' -..8' (;;5<3'.1' 3.>(782' 2.' 1.4,5' (' <.1Q:1<3'.1' '1' (' 3'65' .;' 2:<0' 6(-1'J ;'<51<5'1' >0575'1'P' A3059' (88D' N' >5' <.1<5'I5$' >'30.:3' -'I'1-' 9.:' ;(,25' (337'4:352$' >0'<0' ,'33,5' 1558' >0575' 2.' 6(19' (75'37:5$ 30(3'9.:' 0(I5' -7(<58' '1' -5157(,' 305' .<'53'52' .;' 305' 112' .;' .:73$' '1' <.1J 3'1:'1-' 3056' 23',,' (2' 30'78' E572.12' >R'30' 305' .4','39' (18' .:73' '1' 8.'1-' 305' '1-' 0.1.:71' (18' E(73'<:,(7,9' 7(9=2' 11$' >0'<0' (2' 9.:' 0(I5';.7657,9' 47.:-03' 3.';,.:7'20' 4.30' '1' 305' (1<'51357' (18' 9.:1-57' 2.73$' 49' <.:1351(1<'1-' I'73:5' '1' 51579' @:(,'39$' 2.' 1.>' 9.:' 0(I5' 6(85' (' 1.3(4,5' 856.1237(3'.1' 30575.;''1' 305',-0357R' (18',522' 257'.:2' ?'18$' 49' 30'2$' 30(3'.15' 11'.;' .:73' 49' '325,;' '1' 3'65' .;' (' I(<(3'.1$ (18' '1' 305' 2E(<5' .;' 30755' >55?2$' <.:,8' E57;.76' 30(3' >0'<0' 0(30' 4551' E57;.7658' >,''<0' <.:,8' 1.3' 0(I5' 4551' 8.15' 4:3' 30(3' 51579' 6(1=2' 5G<558'1-',.I5' (18' 752E5<3' 3.' 9.:' -(I5' 0'6' >'1-2' 3.' .I573(?5' '65$ >0'<0' '2' 305' 2>';3523' .;' 30'1-2#P' 05' 858'<(3.72' A>0.6' ' 2:EE.25' 3.' 45' 305' (:30.72D' 2'-1' 3056 25,I52' # #$ # #$ (18' # #W (18' ;7.6' (1' (,,:2'.1' 3.' 305'7' ' -7(I57'23:8'52P' (EE5(7' 3.' 0(I5' 4551' 656J 4572' .;' 305' .<'539# 3' '2' 513'3,58' N' 05' (2@:5' .;' ,.>5'R2$P' (18' 6(9' 45' 2551' '1' '<0.,2=2' 7.-752252' W \ (' I579' 2E,518'8' 3'=;,5$ (18' (12>57'1-' I579' >5,,' 3.' 305' -5157(,' 852<7'E3'.1' '1' (<.1=2' 22(92' .;' >013' (' (2@:5' 20.:,8' 45$ \ >'30' '32',.:8' (18' <0557;:,' 6:2'<$ (4:1J 8(1<5' .;' ,'-03' (18' <.,.:7$ -7(<5;:,' 6.3'.12' (18' ;.762$ (18' 2:<0' 30'1-2' (2' N' 8.' 1(3:7(,,9' 3(?5' 305' 25125$P \ 4:3' 0(I'1-' 1.' E572.1(,' 75;5751<5' 3.' 305' .<<(2'.1$ 459.18' 45'1-' (1' 513573('16513' -'I51' '1' 0.1.:7' .;' (' 6(77'(-5$ (18' 518'1-' >'30' (1' .;;57'1-' .;' ;,.>572' 3.' 305' 47'85' (18' 47'85-7..6#

;' 257'.:2' 4:2'1522$' 305' ;'723' E'5<5'30(3' (<.1' ;.:18' >('3'1-' ;.7' 0'6' '1' 0'2' 15>' .;;'<5' >(2' (1' (3356 E3' 3.' E:3' (' 23.E' 3.' 305' E7(<3'<5' .;

R' 7'1358' N',(357#]

>< <2 21 ' 3' < ; 2' " ' ; 1 ' " ' R + $' C

8:5,,'1-$ >0'<0' 0(8' 45<. 65' (,(76'1-,9' ;(20'.1(4,5# ' 0. : -0' 30575' 45' '1' 205>' (' 2533,58' E5(<5' '1' 30525' E(732' . ;' 305' > .7,8$P' >7'352' 0(6J 457,('1' .1' 305' L30' . ;' 5E356457$' N'953' 305' 6(19' E7'I(35' @: (775,2' (6 .1-' -75(3' 651' E7. -1. 23'<(35' 37. : 4,58' 0: 6 . : 72$ >0'<0' 6(9' 47558' 8(1-57. : 2' 8'25(252$ ';'3059' 45' 1 .3' E:7-58' (18' E75I51358# ' 8. : 43' 1 .3' 4 : 3' 9. :' 0(I5' 05(78' 305' 2:<<522' . ;' 305' <. 64(3'=3>'G3' 8>(78' (.?I',,5' (18' 305' .78' 7:<5' A.7' ': , . 2D$=3>'G3' 13>57E' (18' ',,5$ >0575'1' 3059' >K575' 4.30' 0: 73$ 305' .78' 7:<5' 3.' 305' 85(30$ 2.' 30(3' (<?I',,5' >(2' 87'I51' 3.' 3(?5' 2(1<3:(79$ >051<5' 49' <. 77: E3'. 1' .7' <. 11'I(1<5' ' 45(7' 05' '2' 52<(E58# 575' '2' 2E55<0' ,'?5>'25' 30(3' 305' .78' .77'2'(18' '7' 575-7'15'] ',,. : -049'(75' - . 15' ; . 730' ; . 7' 305' 2(65' E:7E. 25$ (18' 30(3' 305' .78' 0(18. 2'(18' 305' .78' (9' (75' : E. 1' 305' 2(65' 3576 2# 0575' >(2' (' @: (775,' ?'18,'1-' =3>'G3' 305' (7,2' . ;' : 3J ,(18' (18' .13-. 6579' ! 4 : 3' '3' >(2' @: '<?,9' @: 51<058' 49' 305' ': -$ 45'1-' 45- : 1' (18' 51858' '1' 0'2' E75251<5# : 3' 30575' '2' 6 .75' 8(1-57' =3>'G3' 305' (7,' . ;' : 3,(18' (18' 305' .78' (I572$ 30. : -0' ' 05(78' 9523578(9' '3' >(2' (,75(89$ .7' : E. 1' 305' E. '13' . ;'<. 6E. : 18'1-# : 3' 30(3' >0'<0' 6 .23' 651' ,'2351' (;357$ '2' >0(3' >',,' ;(,,' . : 3'=3>'G3' 305' (7,' . ;' 225G' (18' 7# 5179' . >(78$ >0.' '2' <0(,,51-58' (: 8' <(,,58' 3.' (<<. : 13' 49' 305' (7,' ; . 7' <573('1$8'2-7(<5; : ,' 2E55<052' . ;' 0'6# 059' (75' 4.30' - .3351' . I57$ 305' (7,' ;7.6' ',; .78' (I51$ 305' . 3057' ;7. 6' (7>'<0$ >'30' 5(<0' . ;'3056' 3>. ' 25<. 182' # # # # ' 05', (23' 15>2' . ;'3056' >(2' 30(3' 305' (7,' >(2' (3' (,('2' (18' 305' . 3057' '1' O5(,(18# 05' '1-' 0(30' 2513' (' E. 23' 3. ' (,('2' 3. ' 305' . I571. 7$ 3. ' 23(9' 3056' . 7' 5'3057' . ;' 3056' ! (18' 9. : 1-' '4' . ;' 305' 458<0(6457' '2' 25: 3' >'30' <. 66(18J 6513' ;7. 6' 305' '1-' 3. ' 3056' 4.30$ ';' 05' <. 65' '1' 3' 65#PU

1' 30'2' ,(23' .<<(2'. 1' 305' '1-' E:4,'2058' (' 7. <,(6(3'. 1' . ;' 0'2' . >1' <. 6E. 2'3'. 1$ (18' 3051' 3. . ?' (8I'<5' >'30' 0'2' ,(>9572' (2' 3. ' 305' 65(2: 752' >0'<0' 20. : ,8' 45' 3(?51' 3. ' E: 3' (' 23. E' 3. ' 30'2' E7(<3'<5# 1' : 18(358' E(E57$ E7'1358' '1' 305' ;'723' 58'3'. 1' . ;' (,796E,5=2' Ü 56. 7'(,2' (18# 533572$=! ;7. 6' (1' . 7'-'1(,' '1' (<. 1=2' 0(18>7'3'1-$ 45,. 1-2' ' 2: EE. 25' 3. ' 30'2' 3'65' (18' . <<(2'. 1# 053057' '3' >(2' 45; . 75' . 7' (;357' 305' '1-=2' E7. <,(6(3'. 1' A>0'<0' <(65' . : 3' 15(7' 305' 518' . ;' <3. 457D!' ' <(11. 3' 853576'15$; . 7' ' 8. ' 1. 3' ?1. >' >0575' (' <. E9' . ;' 30(3' E7. <,(J 6(3'. 1' '2' 3. ' 45' ;. : 18# . 7' 8. 52' '3' 6: <0' 6(3357$; . 7' 30'2' E(E57' 5I'8513,9' <. 13('12' 5'3057' (<. 1=2' (12>57' 3. ' 305' '1-=2' @: 523'. 1$ >0(3' 20. : ,8' 45' 8. 15' ; . 7' 305' E75I513'. 1' . ;' 305' E7(<3'<5' -5157(,,9$. 7' (' 2: - -523'. 1' . ;'0'2' . >1' 3. ' 305' 2(65' 5;;5<3#

K' # # . 6# (652' #$' I. ,# GG'I#1. # B# ^ # /$ 58# /CB #
K' N' ' 2518' 9. :' (' 7. <,(6(3'. 1' E51158' 49' 305' '1-=2' . >1' 0(18' (4. : 3' 305' ,(3.' @: (775,' =3>'G3' 305' (7,' . ;' 225G' (18' 7# # . >(78#P' 0(6457,('1' 3. ' (7,<3. 1' C' 53# /B/F#

+ , + % , * % ; % # / B # - + + / (8 , / ./
% , = 9 , 8%) # + 3) , /) $ * % ?
2 % + , % / % , / 0 E % +

0 (/3,;

&*+(. 6*+& +&)+&)(/ 4 0 8*%2$;% 13)(/ & '$,$ &+ 4 $,;& (-/+++6 &(' '$%/+16 -$)(/$ 0(E/ (/3,'+8,' ,(4 $ 2% . ,$ &(. 2 '+16 8/+=%&$ C ;& (' ,$$ +)' & '+,' (. /& 2%1 3(' %10 6((3 &(' &% 4 $ %13 /$7 2*%+ 4 & '%& $=+* C '+2 '' ,$$ 4 ,' . 1 - /+3*$3 ' 13 ' 2(. *3 '%=$ C+,'$3 & '%& ' '%3 4 $& C+& '' ,(4 $ 6/$%&$/ 8$/,(1,;% ,' % , . - D$2&)(/ 0(. / 2$1, . /$;- (& ' -$2% . ,$ +& '%3 -$$1 4 (/$ C(/& '0 ()' & '+,' 8/$,$12$; %13 %*,(' & '$ -$&&$/ & (' '%=$, 'C3 & '$ /$,(*. &+(1 4 0,$*)' '%& '' & (' 8/(2$$3 C+& ' (. & /$,8$2& ()' 8$/,(1,'+1 & '+,' - . ,+1$,, J . &)+13+16 & '+,' 2% . ,$ (1)((& +1 4 0 8/$3$2$,,(/5,' &+ 4 $;' %13 8 . -*+,'$3 %13 /$%30)(/ '$%/+16;' & ' (. 6 ' & (' *(,$ 1(' &+ 4 $;+1 % 4 +,2 '+$)' & '%& 6/(C$&'' $=$/0 3%0G %13 ' -$,+3$,' +& 8%,,$&'' 1(& %4 +,' ,(4 $&+ 4 $,' +1 6(=$/1 4 $1&;' & '%& & '$ 6/$%&$/ ,(/& -$ %3 4 (1+,'$3 -0 %1 $@7 %4 8*$ 4 %3$ +1 & '$ 4 $%1$/;% 13 & '$ 3(6 &(' -$ -$%&$1 -$)(/$ & '$ *+(1 %0 ' ,' (. *3 & '+1F ! 4 0 (/3,I & '%& 4 $1 ()' -+/& '' %13 E . %*+&0 C+** *$%=$ & '$ 8/%2&+2$;' C '$1 +& -$6+1,' & (' -$ =+*+)+$3;% 13 2(4 $,(' *(C %,' & (' -%/-$/,' , . /6$(1,' %13 - . &2 '$/,;% 13 , . 2 '' -%,$ 4 $2 '%1+2%** 8$/,(1,

13)(/ & '$ 6/$%&1$,' ()' & '+,' 8/$,$12$;' +1 C '+2 '' ' &%F$ 4 . 2 '' 2(4)(/&;- (& '' %,' ' 2(1,+3$/ +& +1 +&,$*);% 13 4 . 2 '' 4 (/$ +1 /$,8$2& +& +,' -0 ' +,' %D$,&05;' 3+/$2&+(1;' C+** , . 88*0 & '$ 4 $%11$,;' ()' & '$ 8%/&+2 . *%/ 2% . ,$;- 0 '%13*+16 ()' & '$ 6$1$/%** 8(+1&D & (' & '$ $13 & '%& -0 (22%,+(1 ()' & '+,' 8/$,$1& 2% . ,$;- (& '' 4 0 8 . /8(,$ ()' 8/(,$2 . &+(1 %6%+1,& C ' %13 & '$ (8+1+(1 ()' & '$ (. /& !C+& '7 (. & C '+2 '' ' %4 1(& '+16)(/ & '$ 2$1, . /$ ()' & '$ 4 4 %0 %88$%/;% 13 & '$/$-0 ())$13$/,' +1 & '%& F+13 4 %0 /$%3 & '$+/ (C1 2%,$;% 13 F1(C C '%& & '$0 %/$ &(' $@8$2&G C '+2 '' 4 %0 ,$/=$)(/ % C%/1+16 . 1&+** $@% 4 8*$ 4 %0 -$ 4 %3$ +1 ,(4 $ 6/$%&$/ 8$/,(1;' C '+2 '' ' 3(. -& & '$ &+ 4 $,' C+** - . & &((' ,((1 %))(/3

'$/$)(/$ -$)(/$ ' 2(4 $ &(' & '$ 8%/&+2 . *%/ C '$/$()' 0(. / (/3 ,'+8,' %/$ 1(C &(' D . 36$;' & '+1F +& &+ 4 $ -$,& ,8$1& &(' ,8$%F ,(4 $7 C '%&;

+/,&;' ()' & '$ 1%& . /$ %13 6/$%&1$,,' ()' & '+,' 4 +,2 '+$)

$2(13*0;' ()' & '$ 2% . ,$,' %13 /$4 $3+$,

'+/3*0;' ()' & '$ D . ,&+2$ ()' & '$ *%C ()' 16*%13;' >0'<0 ,(4 $,&+2F 1(& &(' & '+1F 3)$2&+=$ +1 & '+,' 4 %&&$/

+)' +&' C$/$' %3=$1&./$3' +1' &'$')+$*3' +1' ,$/=+2$;' ()' &'$' +16' %13' /$%*4N' C$/$' %-*$' &(' 4%F$' &'$')(/&.1$' ()'%' 3%0;' %13' &(' 2'%16$' &'$')(/&.1$' ()'%' F+163(4 ' (' %,' 0(./' (/3,'+8,' ,$$' C'%&'%' 3$,8$/%&$' $=+*' &'+,'+,'D +&'&/(.-*$&'' 8$%2$;' +&' 3+,)./1+,'$&'' C%/;' +&' -/+16$&'' 2%*%4+&0' .8(1' 8/+=%&$' 4$1;' 8$/+*' .8(1' &'$' &%&$;' %13' 2(1&$48&' .8(1' &'$'*%C

(.2'+16' &'$' 2%.,$,' ()' +&G' &'$')+/,&' 4 (&+=$' 1(' 3(.-&'+,' %')%*,$' %13' $//(1$(.,' +4%6+1%&+(1' ()' '(1(./' %13' 2/$3+&G %13' &'$/$)(/$' &'$' +16;' +1' '+,' *%,&' 8/(2*%4%&+(1;' 3(&'' 4(,&' %48*0' %13' $@7 2$**$1&*0' 2%*' &'$4' D 9 % ' C ' F ,'+)' (1$' D.36$' ()' +&' &/.*0;' +&' +,' 1(' -$&&$/' &'%1'%',(/2$/0;' &'%&' $12'%1&$&'' &'$' ,8+/+&,' ()'0(.16' 4$1;' &'%&' -$%/' 6/$%&' 4+13,;' C+&'' %)%*,$' ,'$C;' % ' ' %13' %' F+13' ()',%&%1+2%*' +**.,+(1' %13' %88%/+&+(1' ()''(1(./'G %6%+1,&' /$*+6+(1;' %6%+1,&' *%C;' %6%+1,&' 4(/%*' =+/&.$;' %13' %6%+1,&' &'$' 8/$2$3$1&,' %13' $@%48*$,' ()' &'$' -$,&' &+4$,' %13' =%*+%1&$,&' 1%&+(1,;' %,' ' ,'%**' &$**' 0(.' -0' %13' -0;' C'$1' ' ,'%**' ,'$C' 0(.' &'%&' &'$'*%C' ()' 16*%13' +,'1(&'%*(1$'+1' &'+,'8(+1&

.&' &'$1' &'$' ,$$3' ()' &'+,' 4+,2'+$)' -$+16' ,.2';' +&'+,'1(./+,'$3' -0' =%+1' 3+,2(./,$,;' %13' 6/$$1' %13' .1/+8$' 2(12$+&,;' C'+2'' 1$=$/7 &'$*$,,' '%=$' ,(' 8/$=%+*$3;' %,' &'(.6'' %' 4%1' C$/$' ,&%+3' %13' ,(-$/A' 4+13$3;' %13' %' /+6'&' -$*+$=$/' &(.2'+16' &'$' =%1+&0' %13' .1*%C).*7 1$,,' ()' &'$,$' C ;' 0$&' &'$' ,&/$%4' ()' =.*6%/' (8+1+(1'+,',.2';' %,' +&'+48(,$&'' %'1$2$,,+&0' .8(1'41' ()' =%*.$'&('2(1)(/4' &'$4,$*=$,'G (/'$*,$' &'$/$' +,'1(' *+=+16' (/'*((F+16' .8(1'415,')%2$,' (' &'%&' C$' '%=$' 1(&'&('3(;' +1' &'+,'2%,$;' ,(' 4.2'' C+&'' 8%/&+2.*%/'8$/,(1,;' %,' C+&'' .1,(.13' %13' 3$8/%=$3' (8+1+(1,;' *+F$' &'$' 3(4+1%&+(1,' %13' ,8+/+&,' ()'&'$' %+/' C'+2'' &'$' 2/+8&./$' ,8$%F$&'' ()

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&'$,%4$ F+%3 ' ' ' ' % ' % ,' '0 ' %% ' '$)(.1&%+1 ()' '(1(./ +,' &'$ +16;' %13 -+,' %,8$2& %13 &'$ %22$,,'&(' '+,'8$/,(1'2(1&+1.$&'' '(1(./'+1'*+)$;'%13 &(' -$ -%1+,'$3)/(4' '+,'8/$,12 +,' (1$ ()' &'$ 6/$%&$,& $2*+8,$,' ()' '(1(./'&'%& 2%1' -$D +)' '+,' %D$,&0 ,'%** -$ 8*$%,$3 &'%& C'$1' &'+,' (./& ,'%** 2$1,./$%10 ()'&'$,$ ())12,'+1 8$/,(1,' ()'$4+1$1& E.%*+&0;' &(' %33 &'+,' (.& ()' '+,' (C1'8(C$/'%13 3+,2+8*+1$;'&'%& &'$,$ 8$/7 ,(1,' ,'%** -$ -%1+,'$3 %13 $@2*.3$3)/(4' '+,' (./&)(/ 2$/&%+1' 0$%/,;'%13&'$ (./&,'()' '+,' \ .$$1'%13 /+12$;' '&'+1F&'$/$+,'1(' 4%1' &'%& '%&'' %10 6((3 -*((3 +1' '+4' C+** 2(4 4+& %1'%2& &'%& ,'%** 2%,& '+4' +1&(' &'%& 3%/F1$,,;'&'%& '$ 4%0 1(& -$'(*3 '+,' (=$/$+615,')%2$

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3$3+2%&+(1'&(' '+4,'>">'P
+,' /$8(/&'()' &'$' 8/(2$$3+16,'
%6%+1,&' ?*++&$*((F$%13' %1,$*,'
>" K> >
/%64$1&'()' '+,' '%/6$'%6%+1,&'
?'+&(*(2F$,'> >K>
+,'4$3+&%&+(1,'.8(1'&'$'E.$,&+(1'
()'2%**+16'%'1$C' %+A%4$1&,'
> >K>

%2(1,' /%12+,K% A
+,'*$&&$/'&('&'$' +16',%3=+,+16'
'+4'&('2%**'% %/*+%4$1&,'%13'
'(C'&('8/(2$$3'C+&''+&,'> K'
>9>
+,' %3=+2$'2(1&/%,&$3'C+&''0+/'
$1/0' $=+**$5,'>9>K>9
+,'*$&&$/'&('&'$' +16'(1'&'$'3$%&''
()' '+$)' .,&+2$' *$4+16,'>9,'
>9<
$2(44$13,' (F$')(/' *$4+165,'
,.22$,,(/' %13'&'$' &&(/1$0A'
1/%*'&(' ,.22$$3' (F$G' '+,'
/$%,(1,'>9<K>
,' %88(+1&$3' &&(/1$0A 1/%*,'
>
+,'*$&&$/'&('&'$' +16'2(12$/1+16'
&'$'+1,&/.2&+(1,'&('&'$' (44+,7
,+(1$/,')(/' +1=$,&+6%&+16' &'$'
2(48*%+1&,'()'&'$' %&'(*+'28%/&0'
+1' /$*%13,'>
+,' (8+1+(1'+1'8(+1&'()'*%C'.8(1'
&'$'8/(8(,%*'&('/$E.+/$'&'$'4$47
-$/,'()'&'$'3$8.&%&+(1')/(4' /$7
*%13'&('&%F$'&'$'(%&''()'% $6+A'
(1<5$F #
+,'*$&&$/'()'&'%1F,'&('&'$' +16'(1'
/2+A=+16'!'$' &&(/1$0A 1/%*7
,'+8,'><
+,'/$*%&+(1,'AC+&'' (2'$,&$/,'><>
+,'())$/'()'% 4%,E.$,)/(4' /%05,'
11,'+1'' (1(./'()''+,' 4(1+%6(,'
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+,'L' /(8(,+&+(1')(0'&*+$' /$8/$,,7
+16' ()' ,+16.*%/' (4-%&,' (/'
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+,' '%/6$'(1'&'$',%4$' ,.-D$2&'
' ' /+$,&'%13'?/+6'&,'><<K'
H L#
3(7' 0(6457'85<755'1'305'2(65'
<(:25'87(>1'.8'-0'0'6$'" <K'
"
%2(1,' +/' %&'%1+$*'! /%12+,5,' '%*)A'
-/(&'$/'"
'2'2E55<0'(-('123'2:EE,9$' F #
%2(1,' +/' +2'(*%,'! *%12+,5,')%&*+$/'
8*4A%*+&0'()'())+2$,' '$*3'-0,' "'
*%.,$,'+1,$/&$3')(/'+,''(1(./'+1'
%43$15,' 11%*,'()'\.$$1'*+`%7
-$&'' K "
L %61%*+'&'$' %/,'%**;M' +/' $1/0,'
%12/()&,' /2'-+,'(8'()' %1&$/-./0,'
8*%2$,' (-0' %&&'$C'.13$/'/$7
,&/%+1&,'
(44+&,''+4'&('&'$' *$$&8/+,(1,'<
?'$&'$/' '$*2(.*3'-$*+13.2$3'&('
'$*8'+1'&'$' /$%&' 1,&%./%&+(1,'
>'>' >
+,' (88(,+&+(1'&('&'$' *%C0$/,' "'
*+,'8/(,$2.&+(1'()' +(*+(*%,' .**$/,'

%12/()&K%
'%12$**(/' ()' %4-/+36$ 1+=$/7
,+&0'
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C+)$;' 4%//+$3;&(' +/' ('1' (17
,&%-*$,'
1&$/)$/12;' ()' '$/' 4(&'$/' C+&''
'$/' '.,-%13;' >
& $%.2'%48;' 3C%/3' (/3;'9<' ;'<'

$%.*+$.5,' %22(.1&' ()' &'$' -/$%F+16' ())'
()' &'$' 1$6(&+%&+(1' -$&C$$1' &'$
' (44(1,'%13'&'$' N6')(/',./7
/13/' ()' ?%/3,'+8,;' 9'' ;'
9
$%.4(1&;' /%12+,' %,E.$' 3$3+2%&$3'
&(' %2(1' -0' >"'>
58;./8$',5335 7;7.6' (<.1' 752E5<3'1-
' &' ('15,''(,8+&%'' %&;'
$**%/4+1,' %/3+1%;' '+,' 2(1&/(=$/,0'
C+&''&'$' +16,' "
11&&;' +/' ('1,' /$/(6%&+=$' (./&
.36$;' >'
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' 9'1(&$
+,'3/%)&'()'%1'%1,C$/'&('&'$' +16'
3+,*+F$3'-0'&'$' (44(1,;' '
$$>9

++2'';' '(4%,;'$3+&(/'()' %2(1,;'?(/F,;'
'+,';'%22(+4&'()' /'?+**+%4' $47
8*$;'
55'F#F//#F/F#1.35#
(3*(0;' +/' (,+%,,' '1(&$
(*$0;' +/' '(4%,;' 3%&$' ()' %2(15,'
'$&&$/'&(;' '' 1(&$
;' /F #
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u ' >
(C0$/;' (-(+&;'F$$8$/'()'&'$' $2(/3,;'
''<
(%1' ()' '/$E.$,&$3' ()' '+4'-0'
%2(1,'
/(6/%=(;' +/' ('1,' &&(/1$0' ()' &'$'
.2'0;' &(,' (&+3(/.4,'''<
7:<5$ .01$' 2@#' # #, #$U 0'35,.<?<=7
') ' 58'358';.7 305'
(6851' .<'539'49$'FHC#
/.2$;' (/3;' F+**$3'+1'%3.$#-0' +/ '
%2F=+**$;'><
.+*3$/,;'8/(2$$3+16,'%6%+1,&;' '''
./6*+*$0;' ? *+N;' (/3;' %' *$&&$/' ()'
%2(15,' .88(,$3'&(' -('%33/$,,$3'
&(;'C/(16*0;'><>;'><''
.,,$,;'8/(D$2&'()'/$=$1.$')/(4;'>''
0A/$1&,;'/$=$1.$')/(4;'>

2

4,%/;' +/' .*+,;' ;' '%12$**(/' ()'&'$'
@2'$E.$/;'(1,1(C'+48(,'+&+(1,;'
Z2;'' H1(+2'
1&/+$;'/$*%;&+16'&(' '+4;'%,'L' /'
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-((F;''9'
+,'/$2(/3'()' %*+,-./05,')+/,&'8/(7
2$$3+16,'%,' (/3' /$%,./$/;' ;'

$&&$/'&(' '+4')/(4' %2(1'/$*%&+=$'
&(' &' ('15,' '(,8+&%*;' $3)(/3;'
>
+,'$,&+4%&$'()'&'$'4(1$0'=%*.$'()'
/(0%*' /+6'&,' 8/(8(,$3' &(' -$'
8%/&$3'C+&';'
@&/%2&')/A(4' L +%*(6.$' (1' &'$'
/$%&' (1&/%2&;M'%,2/+-$3'&(' '+4,'
'

$=$/,+(1'()'&'$' %,&$/,'+8' ()'&'$'
(**,'6/%1&$3'&(' '+4,' "
%&$' ()'&'$'%88(+1&4$1&;' "'
+,'8(,+&+(1'+1'&'$' (.,$' ()' (47
4(1,;'
+,'%.&'(/+&0' +1' 4%&&$/,' ()'&'$'
@2'$E.$/(' '+,' (8+1+(1'%,' &(;'
&'$' +165,' 8(C$/' &(')/2$' '+,'
$,&%&$' C+&'(.&' 8%/*+%4$1&%/0'
'$'8;' >
(+1&' (44+,'+(1$/' L'&(' 3$=+,$'
8/(D$2&,'%13'4$%1,')(/'4(1$0;M
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+,'1.352' .1'305' 4'35,.<?5'(18'
(12<,' %,$,' > >'>

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&$/+16'&'$'/$=$1.$,'3/%C1'.8'-0'
'+4,'> K>
' '' <
%43$1,' ?+**+%4,'&'$' ' ()' '+,' 17
1%*,'()' \.$$1' *+`%-$&',' ,$1&'-0'
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*%..$,',$1&' -0' %2(1')(/'+1,$/7
&+(1,'/$,8$2&+16'+,'')%&'$/,' K'
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%1&$/-./0;' /2'-+,'(8,'()' ' %17
2/()&' $1+,(1
%/$0' ' %/0
%/*$&(1,' .3*$0;' 2(12$/1+16' (-+$'
%&&'$C5,'+48/+,(14$1&;'
(12$/1+16' +2'(*%,' .**$/,' <
+,'1(&$,'()'3$-%&$,'%13'8/(2$$37
+16,'+1' %/*+%4$1&' /$*%&+=$' &('
&'$' /$%&' (1&/%2&;' 48(,+&+(1,;'
$&2,' ' >'
%' '%4-$/*%+1
%//;'(/' %15,' (-$/&;'%)&$/C%/3,' +,A'
2(4&' (2'$,&$/'%13' %/*' ()'
(4$/,$&;'/+,$'();' ' ><
88*+$3'&(' -0' %2(1')(/'&'$' %,7
&$/,'+8' ()'&'$'?%/3,;'>"
+,' 4%/+%6$'C+&''&'$' 3+=(/2$3'
%30' ,,$@,'%13'+&,' %&&$13%1&'
/$D(+2+16,;'><
(48*+4$1&%/0'())$/+16)+A(4' %2(1'
(1'&'$'(22%,+(1,'>< K><
>' <'>'>>' '>"'><

%/0 !(/ %/2CI +/ $(/6$ %2(15,
*$&&$/ &('+4 C+&' '+,) '
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88(+1&$3 %,&$/ ()' &'$?%/3,,'
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(+1& (44+,,+(1$/ &(3$=+,$ 8/(7
D$2&,')(/ /$*+$)()' &'$ +165,' ,7
&%&$,' > "
+,' 3$%&'' L'()' &'+,' 1(C 3+,$%,(;M
>" G
%,%.'(1,' ,%%2G (22%,+(1' ()' '+,' -$7
2(4+16 %2E.%+1&$3=8&'' %2(15,'
C/+&+16,' "
%&$ %13 8*%2$ ()' '+,' 3$%&',' "
%&+1' *$&&$/)/(4' %2(1' &('+4,'
%13 &/%1,*%&+(1' ()' ,%4$,' "'
"9
%,&*$,' %13 (*3 '(.,$,' %,' %8(.,+-*$
,(./2$ ()' /$=$1.$ &(&'$ +16,'
>
$2+*,' (-$/&' %*+,-40
'%*(1$/ !(/ '%**(1$/-' +/ '(4%,'
'%4-$/*%+1' &(++12$ $1/0,'
>' >'
'%4-$/*%+1,' ('1,' (1&'$ -%1+,'4$1&
()' (-0 %&&'$C,'
1&'$E.%//$*,'-$&C$$1' +/ ('1'
%13 %30 %2F+16&(1,' >
1%-+** 2(12$/1+16&'$8/$&$13$3
-%,&%/30 ()' \.$$1' *+`%-$&',''
1' +2'(*%,' .**$/,' /$,&/%+1&,'
,.-4+,,+(1,' %13 -(/%&+(1,'
1',' (8 13/$C,5,'%88(+1&4$1&
&(%1,C$/ (**%/4+1,' "
1&'$$))$2& ()' &'$ +165,',8$$2''
&(&'$&C((.,$,' N
1&'$',$13+16 ()' %43$15,' 17
1%*,'&($' '(.,'
1' .&&(15,'C+ %13 &'$ 3+,8.&$
/%+,$3&'$/$(1,' "
1&'$3+,8(,%* ()' &'$ %,&$/,'+8
()' &'$?%/3,,' "
'&'$ %,E.$ 8$/)(/43$3 %& &'$
/+12$,,5,' 4%//+%6$,' >">,' >""
1&'$8/(4(&+(1' ()' (F$,' (-%/&,'
%2(1,' %13 :$*=$/&(1,' ><
1&'$3+,(*.&+(1' ()' &'$ 4%//+%6$
()' (/3 ,,$@%13 %30 /%12$,'
(C%/3,' ><
1' &'$ %,E.$ 8/$,$1&$3 -0'
%2(1' (1' '$/ *%//+%6$ C+&''
(2',&$/,' %13+&,'2(,&,' ><"
1&'$8/$=%*12 ()' 3.$**+16,' ><
'%4-$/*%+1,' '(4%,' "<
'%4-$/*%+1$,' +2'%/3,' "'
'%13(,' (/3,' %1' +1&$13+16 3.$**+,&,'
><
B '%/*$,' S' ()' /%12$,' '+,' 3$2*%/%&+(1'
/$*%&+=$ &('3.$*,' "'
'%/&$/'(.,$,' &'$,' %13 +&,')(.13$/'
.&&(1

'$,&$/,' \+.,,0 (),'
'+2'$,&$/,' +/ /&'./,' (/3 $8.&0 ()'
/$*%13,' >
=(&(' &'$ +48(/&%12$,' ()' &'$
2/+,+,'
$*$2&,'&'$ 8*%2$,') (/ &'$1(C -(7
/(.6',' > "
$2(44$13,' +/ ('1' %=+$,')(/
8$%F$/,' D
3=+,$,'&'$ +16&(/2+=$%3$8.7
&%&+(1')/(4'&'(',2,,+(1+,&,' >
'.&$,' +/ ?%*&$/,' (1$ ()' &'$ L'+43$/A
&%F$/,;M 9'? ' '>9
*%/$13(1,''+,'2*+%/%2&2/ ()' %4$,' %0,'
%/* ()' %/*+,*$,' "
$*$=$,' .2'0 (),2(48$&+&+(1')(/ &'(,'
<
ÐL (%& %13 2(13.2& 4(1$ONM C'%& +&'
C%,' "
' ' $ ' %2(15,' C/+&+16 ,('
2%**$3,'
+$C C+&''C'+2''+&'C%,'2(48(,$3'J
+&,'3$,+61,' "
'.7 752E5<3'1-'2(65' <.775<358$'
"
$1&(+,'(8 13/$C,' "
(+1' (*3'[=$/
(F$,' +/ 3C%/3N '+$)' .,&+2$,' (1'
&'$ 3$2+,+(1'+1'&'$ 2%,$' ()' &'$
'
1&'('3.&+$,'%13 /$,8(1,+-+*+&+$,'
()' &' $, *$/F ()' &'$ &%/ '%47
-$/,'
(1,.*&$3 %,' &(' &'$ *$6%*+&0' ()'
2$/&%+1 (0%* /(2*%4%&+(1,'
.364$1&+1' %30 ''/$C,-./D5,'
2%,'(2(12.//$3+1'-0 '+4,' >
15' .,' 305' .66'22'.1572' ;.7
75E('7 .,' 305' '1-=2 523(35$
> "
+,'8(8.*%/+&0 %)&$/ '(-$2%4$%
.36$,' >9<
+,'$*$=%&+(1'&('&' (' +165,' $12''
/$2(44$13$3 -0' %2(1,' > D
>
C(/1' '+$)' .,&+2$' ()'&'$ +165,'
$12',' ><
+,'8%/&+16)/(4' &'$ (44(1'
*$%,,' D
C(/1' % /+=0' (.12+**(/,' >< '
% >>,' >,' 9 ,' > 9,' " <
' 4$%1+16 ();%,' %88*+$3 &('
2'4A2'"8*./%*+&+$,,' "'
' ' * ' % ' '
7 ' # % %2(15,' (&$
((F ,('3$,+61%&$3,')(.13 +1'
A +2'-+'(8 $1+,(15,' *+-+C0J'
.44%/0 (),' %13 2(44$1&,'
.8(1'+&,'2(1&$1&,' K>9
(80 ()' ,%4$ ' ><K<
%2(1
(44(1,' %13 ?%,&$,' %,' % ,(./2$ ()
/$=$1.$ &('&'$ +16,' > <

.66.12$.:25' .;$ '1<75(2'1-' 85E51J
851<5' .;'305' 7.>1':E.1$ /B#
05'7'<.1;5751<52'>'30' 305' .782'
<.1<571'1-'<.137'4:3'.1' (18'75J
37'4:3'.1$ / F\ / C$ / L\ /B/#
05'7' E7.<558'1-2' (-('123' 7#
.>5,,$ /B/ \ /B #
05'7' E53'3'.1';.7','45739'3.' 375(3'
.;'(' <.6E.2'3'.1';.7' (782' (18'
51:752$ /BF\ /BC#
05'7' .;;57' ;.7' 305' 2(65$ /BC\'
/BL#$
05'7' 8'22(3'2;(<3'.1' >'30' 305'
<.:1357K.;;57' .;' 305' .I571J
6513$ (18' 75;:2(,' 3.' E7.<558'
>'30'305'4(7-('1$ /C \ /C #
05'7'25(7<0'.7'75<.782'3.:<0'1-'
6E.2'3'.12$ /C #
05'7'75;:2(,' 3.' 75<5'I5' 6522(-52'
;7.6' 305' '1-' 307.:-0' 305
$.:1<',$ /CB\ / #
05'7' 53'3'.1'.;' '-03' E75251358'
(18'-7(1358$ / H#
05' 7515>(,' .;' 305' 15-.3'(3'.1'
3.:<0'1-' 305' 75(3' .137(<3$
/ B#
75E(7(3'.12' ;.7' (1.3057' <.1;57J
51<5$ / B#
05'7'Q5(,.:29'.1'('E.'13'.';';.76$
/ C#
54(35'.1'(' 6.3'.1';.7'-7(13'.;'
2:42'8'52$'(18'752.,:3'.1'3.'E.23J
E.15'305'@:523'.1$ / $ / L#
54(35'.1' 305' 7'-03'.;' 2.33'1-'
'6E.2'3'.12' .1' 657<0(18'252'
>'30.:3'<.12513'.;' (7,'(6513$
/ L\ /#
05'7' 53'3'.1'.;' 7'5I(1<52'E75J
251358'3.' 305' '1-' 49' (<.1$
05'7' 8'22(3'2;(<3'.1' >'30' 305'
'1-=2' (12>57$' '1' 305' (73'<,5'
.;' 6E.2'3'.12$ B#
05'7'-7(13'.;'(' 2'1-,5' 2:42'89$
D
05'7'15>'.;;57'1'305' 75(3' .1J
37(<3$' D
05'7'5G<0(1-5'.;'656.7'(,2'>'30'
305' .'K82$'(2'3.'305'3576 2'(-7558'
:E.1$ #
7.7.-(3'.1'.;' (7,'(6513$' D
05' 1(3:75' .;' 305'7' 4(7-('1' (2'
(;;5<3'1-'305'7'<.123'3:51325$' L$
:<<522'.;'305'7'756.1237(1<5'>'30'
75-(78'3.' 7.<,(6(3'.12$ /L\'
1I'358'49'305' .782'3.' (' <.3;;57K'
57'<5'<.1<571'1-'305' 75(3' .1J
37(<3$' H#
54(35':E.1'75E,9'3.'305' '1-=2'
856(18' >053057' 3059' >.:,8'
Q:=.<5<8'>'30' 305' .137(<3'.7'
1.3$ #

.66.12\%
05'7';'1(,'75;:2(,'3.'E7.<558':E.1'
305' 3576 2',(23' E7.E.258$ B$
C#
1I'358'3.' (1.3057'<.1;5751<5'3.'
05(7'('15>'E7.E.2'3'.1$ #
573('1' E7'1<'E(,' 56 4572' 2513'
;.749' '5' '1-';.7'E7'I(35'<.1J
;5751<5$ F $ F/#
54(35':E.1' :EE,9'13577:E358'
49' (' 6522(-5';7.6' 305' '1-'
(18'(1'(8Q.:7165 13$ F/$ F #
7857'E7.0'4'3'1-'E7'I(35'<.66:K'
1'<(3'.12';7.6' 656 4572' 3.' 305'
'1-$ FF#
52..:3'.1' 3.' 2518' 6522(-5' .;'
30(1?2'(18'5GE,(1(3'.12$ FB#
8Q.:7165 13'(18' 2:425@:513'8'2J
2.,:3'.1$ FC$ F # ' (7,'(J
6513#
N' .1<5(,572'P'(18'<.1<5(,65132'#'>0(3'
3059'>575$' HB'
.1<5(,65132'(18' '2'1057'2.12'.;'305'
'1-=2'523(35$ F/ #
.123(4,5$ '7' .01$ 6(77'(-5'(18'
?1'-030..8'.;$ /\ F#
7.E.258'2533,5 6513'.1'0'2' >';5$
/F#
..?$ '7' ',,'(6$'.;' 91(6$ H #
.E5$ '7' (,357$ H/'
15'.;'305' .66'22'.1572'3.'85J
I'25'E7.Q5<32';.7'305' 75,'5;'.;'
305' '1-=2'523(35$ F/H#
EE.'1358' (2357'.;'305' (782$
FH #
.EE'<52'(18' 1857>..82'(2'('2.':<5'
.;'75I51:5'3.'305' '1-$ F/L\X
F /#
.EE':$ '7' 5.7-5$ <.137(<3.7';.7'2(,5'
.;'E$(72.1(-52'(18'3'30528$ HC#
.71>(,,'2$ '7' 0(7,52$ L#
.33.1$ '7' .4573$ (18'0'2'<.,,5<3'.1'
.;'75<.782$'75;5751<5'1' (<.1=2'
1.35K4..?'3.$ HL$ H#
'05,E57'1' (6851=2' 11(,2'.;'
%:551',"M(4530$ //#
,(:252'.;;5758';.7'12573'.1'30575'1'
49' (<.1$ / #
.33>'1$ 8>'1$ (<.1=2'75<.66518(J
3'.1'.;'305'2:'3'.;$ B/#
.:732$ 57@:'2'352'.;$ (2'(' 2.:7<5'.;'
7515I51:5'3.'305' '1-$ F #
.>5,,=2' (>' '<3'.1('9$85;'1'3'.12'.;'
35<01'<(,' 3576 2';7.6$ H ' ;'
HL' ;'
.6E,('158'(-('123'1' (7 (6513$
/B/#
:EE752#258' 49' .9(,' 7.<,(6(J
3'.1$ >'30'-.15'(,'(EE,(:25$ /B $
FH #
7('-$ '7' 0.6(2$ HF$ ' LH# *
75>$ N23(182'3.'4.'2570Q5(13$=' FB $
FC #
7.;3$ '7' 574573$ Q:7'28'<3'.1'.;'305

7.;3 \ %
.;:1<',. .;] (,52.EE.258 49$
C F/$ FB
7.?25$ '7 .01$ H 9
'=.>1$ -7.>'1-' 85E51851<9 .;$:E.1'
305 .:25 .;' .66.12$ /B#
(<.1=2 30.:-032 .1 305' 7566589
;.7$ B$ C#

7.>1 \
] 09'32'E(37'6.19'-7.>'1.3'>'30'
305'-7.>30'.;'305'1(3'.1$ /HL#
:23.62 (18' '152$ '.3357 3.' 305'
'1-'.1$ 87(>1' :E' 49' (<.1$
FFC \ FFL#
" ' # ,'8:39'.;'305'.;, <57'2.'
1(658$ HL'

#

= :4'-19' 265' 3:(73$ .78$ H/#
%' D ' 'B $ CL$
(I572$ .78$ E75I51358';7.6';'-03'1-'
('8:5,$ FBL#
(I'8'(18' .,'(0$ H #
(I'52$ .7' (3=2$ '7 .01$ 25182'
(<.1' (' 8'2<.:725 <.1<571'1-'
305';,'-03'.;' 97.15$ F#
'2' 53357'3.'305' 0(1<5,,.7 .1'
305'2(65$ H#
53357';7.6' (<.1'3.'0'6$ B#
,5<358' E5(?57'.;'305'7'20' .:25'
.;' .66.12$ F H#
12:<<522;:,' (3356E3' .;'305' 6'J
1.7'39'3.'2:EE,(13'0'6$ F B#
5(30$ (E.E0305-62 .1$ C#
N' 5E.E:,(3'.1$P' 1(3':75' (18' .4Q5<3' .;'
305'257I'<5' .;$ HB#
:73057' .1' 305' 2(65'2:4Q.53$ B/'
'L #
.' 0.:$ 752'8513$ >'2058' 49' (<.1'
3.' 255' 0'2' 65'1.7'(,' .;' %:551'
,'M(4530$ / $ / L#
(6851=2' 11(,2' .;' %:551' ,'M(J
4530'2513'3.'0'6''1' # //#
= >52$ '7' '6.182$ # 45,.1-'1-
3.$ FH #
'--52$ '7' :8,59$ F $ FC #
'.-5152$ 0'2 2(9'1-' (4.:3 7'<0' 651'
(18'E0',.2.E0572$ F #
'.192':2$ >09' 7'23'EE:2';5,,' (3' 305'
;553'.;$ FF#

'2<.13513$ E.E:,(7$ 0.>'3.' 4.' E75J
I51358$ C#
'2'1057'2.1'.;'305' '1-' 49' .1<5(,J
65132$ 53<#$ F/ #
.857'8-5$.7' .887'8-5$ '7' .01$ // #
12>572' 3.' @:523'.12' 75,(3'I5' 3<'
75,(18'Q.'158' '1'49'0'6$ /// \'
//F#
.7253$ 0.6(2' (<?I',,5$ (7,' .;$
.78' 75(2:757$ 0'2' 2:8857'
85(30$ F #
.18'3'.1' '1' >0'<0' 05' ,5;3' 305'
G<05@:57$ / # ' / #
.7253$ (89$ 305' >'8.>$ 6522(-5'."
<.6E,'6513'3.$ C#
(<.1=2' 75(2.12' ;.7' <:,3'I(3'1-'
057$ F $ FB$ CC#
7:66.18'.;' (>30.6851$ / '
:5,2$ E75I(,51<5' .;$ (18' 23.E2' 3(?51'
;.7'305'7' 2:EE7522'.1$ FLB \ FL $
0(7-5' .;' (<.1' '1' 305' <(25'."
7'523' (18' 7'-03$ (18' 2:425J
@:513'85<755'.;'305' 3(7' 0(6J
457'30575'1$ FLL \ H/B#
I64(7$ '7' 5.7-5' .65' .78$ 0'2'
I(7'.:2'.;;'<52'(18'0.1.:72# 305'
?'1-=2',?'1-';.7'0'6$ H/#
'2'E(3513$ /'
513'49'305' '1-'3.'2E5(?'>'30' ('
89'1-'E557$ F#
'2'85(30$ H/'
'FB $ FC #

811682$ '7' 0.6(2$ /#
,5<3.7' (,(3'15$ 0:24(18'.;' (652=2'
5,8523'8(:-0357$ F F#
,'M(4530$ %:551$:258'3.'<(,' (<.1'
057'>(3<OK<(18,5$ LF' (18'
(,:61'52'<.1<571'1-'057$ / C#
27' ;5,'<'3'52' 5GE.:1858' '1' (J
<.1=2'375(3'25' ' % ')'
' ' (' / $ / L$ /FF$
/F $ /FL#
1<75(258'<.23'.;'-.I571651 3' '1'
305',(3357' 95(72'.;' 057' 75'-1$
/H #
7(8:(,' 85<75(25'1'I(,:5'.;'2:4J
2'8'52$ /HL#
G<522'.;' 057' 5GE518'3:75' .I57'
057'.78'1('9'75<5'E32$ / #

,'M(4530 \ %
57'5<.1.69$ / #
.23'.;' '305' >(7' .;' 75,(18' 3.$
/ B#
:6457'(18'I(,:5'.;' :42'8'52'75J
<5'I58'49'057$, #
(252' '1' >0'<0' 205' '10'4'358'305'
.66.12';7.6''1357;57'1-'>'30'
057' 757.-(3'I5$ / F#
(6851=2' 11(,2' .;' 057' 75'-1$
(22(-5' 30575'1' 75,(3'I5' 3.' 057'
7'-03'.;'2:<<522'.1$ /F#
3'E5182' ;.7' E75(<0572' '1' 305'
:<09'575<358'49'057$ H#
(7,'(6513(79'<.123'3'8'.1'.;' 75J
,(18'8':'1-'057''K5'-1$ F F#

,'M(4530$ 7'1<522$ 8(:-0357 .;'
(652' #$F #
7.<558'1-2';.7 7('2'1-'(1'N' '8P'
:E.1' 057' 6(77'(-5' >'30' 305'
.'63 (,(3'15'1 (6.:13'7('258$
53<#$F F\F/ #
57' 6(77'(-5' E.23E.158' 49' 057'
47.3057=2' 85(30$ FHF#
:4,'<' 75Q.'<'1-2'(3'305'6(77'(-5'
305' (2@:5'.;'305' 112'.;' .:73$
FHF$ FHH#
,,526575$ 0.6(2' -573.1' .78$ .78'
0(155,,.7$ H#
,:7(,'39' .;' .;;'<52' 05,8' 49' 0'6$
H'
'2' E.2'3'.1' '1' (652=2' <.'6<',$
CC#
EE.'1358' >'30' .730(6E3.1' 3.'
'1@'''7.' '13.' 305' (762' .;' :2J
3.62'(18' '152$ FFB#
5E.73' 3.' 305' '1-' 2'-158' 49'
3056$ FFC\FFL#
%H L#

,,'2$ 72#$ 53357' .;' (5.1' <.1<571J
'1-'(' -7(13'3.$ / B#
,EO'123.1$,5G(1857$;.:730' .78$
H/$H $
,EO'123.1$ '7' (652$ .78' (,K'
657'1.<O$.;;'<52' 05,8' 49' 0'6'\#
.<<(2'.1' .;' 0'2';(,,'1-' '13.' 8'2J
-7(<5$ H/'
1<7.(<0657132'(2'('2..:7<5' .;' 75I51:5'
3.' 305' '<'1-$ F/C#
1-,(18$057?'1-2'1.I5765 7<0(132$/HL'
.18'3'.1' .;'305' E5.E,5' 75,(3'I5'3.'
;'2<(,'4:78512$ /BC#
7.>30' .;' 305' (3'.1(,' 5(,30$
/B #
' 7.>1#
22.G$ .4.7'' (7,' .;' A2.1' .;' ,'M(J
4530=2';(I.:7'350' 8'22.,:3'.1' .;'
305'6(77'(-5'.;$ FL #
'2' '6E518'1-' 8:5,' >'30' 5179'
.>(78$ FLB# [
G<05@:57$ (<.1=2(EE750512'.12'<.1J
<571'1-'305'E.I5739' .;'305$ B#

513.1$ .78$ N .'625,,.7' '1' .78'
'1,.22=2'7..6$P' H/'
578'1(18$:?5'.;' ,.751<5$85(30'.;$
/F $ /FF'
';3551302',5I'58' .;' 3.>12' 5G<5E358$
H ' ' L/# ' :42'8'52#
'I9$,5G(1857' .78$ 752'8513' .;'305'
.:1<',' .;' <.3,(18$.15' .;'305'
.66'22'.1572' ;.7' 305' 1'.1$
HF'
,553>..8$H #
,56'1-$ '7' 0.6(2$ 0'5;' :23'<5' .;'
'1-=2' 51<0$85(30'.;$ FC #
,.98$ 0'2' .;;51<5' (18' 251351<5$ FHB$
FHB#
.72357$ .01$ 2@# (<.1=2' # .35K'
..?'E:7<0(258'49$ / #

.73'3:85$37:5'(18';(,25$H /#
75857'5?# .:13' (,(3'15# ' ,'M(J
4530$ 7'1<522#
7558.6'.;'2E55<0$1.3'3.,57(358'1'305'
45-'11'1-' .;' 30.' /C30'<513:79$
FH #
:,,57$ '<0.,(2$KE7.25<:358'49' 0<OK'
4'20.E' (1<7.;3' ;.7' (1' (7-:J
6513' (-('123'30.' <<,52'(23'<(,'
.66'22'.11' # #';.7' 305' '39'
.;' .18.1'1'/B/ $ /' '
54(352'45-:1'49'0'6$/CF$/L #
'L #
:,,57$ 0.6(2$ <0:7<0' 0'23.7'(1$ 0'2'
577.7'75,(3'I5'3.' '<0.,(2' :,,57$
B/'

(,',5.$ (<.1=2'(EE75<'(3'.1'.;'0'2'1J
I513'.1'.;'305'35,52<.E5$ FL#
(78'157$ # #$ (:30.7' .;' U '23.79'
.;' 1-,(18';7.6'305' <<522'.1'
.;' (652' # 3.' 305' 8'2-7(<5'.;'
0'5;' :23'<5' .?5#± (35' .;'
(<.1=2' 8'2<.:725' .1' 75,(18'
;'G58'49$ //B#
'2';'1(1<'(,' 3(4,52$(18'.E'1'.12'
(2'3.' 305';'1(1<'(,'<.18'3'.1'.;'
305' 7.I '$/B #
5;5751<52'3.'(18'<'3(3'.12';7.6'
0'6$/BB' ' / C$/L $ $ H$
C$ $ FFFBFFBH' ' FCF#
('K9.$ 5',$';'1(,'.I57307.>'.;$//#
'44$ .01$ 7..6'.;'3,'5' 58<0(6457'
3.'('''';'2' #$H #
<<(2'.1' :E.1' >0'<0'305' '1-#

'44$ .01\%
?15,3' 3.' 0'6' ;.7' E(78.1$ '

N' .:1-' '4' .;'30.' 58<0(6457P'
AO'2'2.1'E7.4(4,9D'2513'3.' (,('2'
3.'E751513'('8:5,$FLB#
B/8' <.'12$E7.<,(6(3'.1' ;.7' 5@:(,'J
M'1-' 33'5' I(,:5' .;$ HFT' >5,K'
]* <.65'3.'305' '1-$' HHT' 5G37(<32'
;7.6'305' 7.<,(6(3'.1$ ' ;'
C'
;;5<3'.;'305'E7.<,(6(3'.1$ BB#
..86(1$ '20.E$ .1'305' 6513(,' <.1J
8'3'.1' .;' (<.1=2' 6.3057$ /C#
'2' 23.79' N .;' 30.' 37:5' <(:25' .;'
(,'24:!K=2';(,,$P' $ F#
'2' 852<7'E3'.1' .;' .01' :77(9$
HC#

.70(64:79$ (<.1=2' 8>.,,'1ETKO.:2.'
(18'523(35$ 6'1:352' '1' 0'2' 1.35'
4..?'.;' '1351858$''6E7.I5651320$
53<#$ (3$ # B # CB$ CC#
513(,'.;'2(65$ /#
7(92' 11$ (<.1=2',.8-'1-2#(3$ B$

(2@:5' E57;.7658' 49' 30'2' 11'
(18'305' 1157' 56E,.'.1' 7'1K

7(92' 11 \ %
<522' ,'M(4530=2' 6(1'(-5$ FHF$
FHH#
75(3'651$ 0.>'4523'3.' 2E5(?'.;'305'7'
;(:,32$ CB#
7'5I(1<52' .66'3355$ 2:405<32' 75J
;57758'3.'30.$ (18' E7.<558'1-2'
30575.1$ / L#/B/# /B # / # /L'
\ /# H# X
' 6E.2'3'.12#

(,,(6$ 517x#$ /L # FCF#
(6',3.1$ 7# # # # #$ (22'23(1<5'
75185758' 49' 1' <.775<3'1-' 305'
E7..;2'.;'305' " % ,' FC#
' H #
(6',3.1$ '7' 0.6(2$ <.33'20' .78'
8I.<(35$ H #
22.<'(358'>'30' (<.1' 1'305'4:2'J
1522'.;'30.' 1'.1' >'30' <.3J
,(18$ D '
(66.18$ 7# .01$ BF'
(78>'<?2$ .78' 0(1<5,,.7$ E(22(-5'
'1' (',53357'.;' (<.1=2'2:EE752258'
(3'305'75@:523'.;$ F/F'
(7-7(I5$ 7# /L #
(7,5'(1' .,,5<3'.1$ (<.1' # '1'305$
// #
(77'.3$ 0.6(2$ 6(3056(3'<'(1$ F#
(,5-0=2' 6(3056(3'<(,''123'K:<3.7$
BF'
(77'2$ 0.6(2$.;',''1<.,1=2' 11$ #
(7I59$ ',,'(6$ 8'2<.I5757' .;' 305'
<'7<'8(3'.1' .;'30.'4,..8$ >09'
1.3'.,'?5,9'3.'296E(30'M5''1' (J
<.1=2'EO',.2.E,:<(,'I'5>2$ F#
(9$ (652$ .78$ (;357>('K82' (7,'.;'
(7,'2,5$ H #
1351858' 8:5,' 453>551' 0'6' (18'
.78' 0(1852$ FLB#
.15(-.$ 7#$ 0'2'<. .<3'.1'.;'75<.782$
/ #
5179' #'.;' 7(1<.$ (2(:0.1' '1J
I'358'3.' (7'2'49$ /HB#
;;5<3'E7.8:<58''1' 1-,(18'49'0'2'
6:7857$ (18' (3356E3'.;' (,'2J
4:79'3.' 3:71'305' 51513'3.' (<K'
<.'63$ / # / #
5179' #'305' (7,'.;' :;;.,?'N5GJ
3.7358'P' ;7.6' 0','E'.;' :237'('
49$ L #
5179' #'0'2'23(3:35';.7'5G<,:8'1-'
0'2'8(:-03572';7.6'305' 7.>1$
/F#
5179$ 7'155'.;' (,52$85(30'.;$ FFL#
1351858' 858'<(3'.1' .;' (<.1=2'
522(9%23.$ FH #
'2'<0(7(<357'↑<(:2.'.;'0'2'85(30$
FH/#
,.74.73$ ',,'(6$ # # ;.7' .13J
-.6579$ CB' ,
1.73;.78$ (7,'.;$ CL'
'<?52$ '7' '<0(5,$ 75;5751<52' '1'
(<.1=21.35'4..?'3.$H # (<.1=2

7(92' 11 \ %
<522' ,'M(4530=2' 6(1'(-5$ FHF$
FHH#
75(3'651$ 0.>'4523'3.' 2E5(?'.;'305'7'
;(:,32$ CB#
7'5I(1<52' .66'3355$ 2:405<32' 75J
;57758'3.'30.$ (18' E7.<558'1-2'
30575.1$ / L#/B/# /B # / # /L'
\ /# H# X
' 6E.2'3'.12#

'<?52$ '7' '<0(5,\%
;7'518' '1' 6.159' 6(33572$ D ,'

.70(64:79'-7.'682'3.'4.'253' '1'
.7857' N(-('123' 0'2' <.691-$P'
#
533572';7.6' (<.1'3.'0'6$ /F/$
/C# HB#
'85$ # # N'23(182'3.'45'2.705(13$P'
FB # FC #
.4(73$ '7' 5179$ 33.7159' 5157(,'
A/B B \ /BD$ 0'2'(73'.;' 6('13('1J
'1-'E7'I(35' 2E55<0'>'30' -75(3'
E572.12$ # LF/#
(<.1=2'.E'1'.1'.;'0'6$ FH$ F # FC #
123(1<52' .;' 15-,5<3'.7' '1<.6E5J
351<5''1'0'2'8'2<0(7-5'.;'0'2'8:J
3'52$ H ' 'B \B #
12>572' 3.' @:523'.12' 2513';7.6'
'?..,(18'2'-158'49'0'6$ /// \ //F#
(85' ,'' .;' :23'<5' .;' 30.' .6J
6.1' ,5(2$ F \ FL #
%:523'.1'(2'3.' (86'1'237(3'.1'.;'
30.'.(30' .;' (,,5-''6<5'75;57758'
3.'0'6'(18' (<.1$ F #
(25'.;'8:5,,'1-'45;.75'0'6$ FL #
' HF$ F # H L#
.49$ '7' 8>(78$.1'30.'>5(?'75E75J
2513(3'.1'.;'30.' .I571651 3'1'
305' .:25'.;' .66.12$ /#
.65$ '7' 5.7-5# ' :14(7#
.2?912$ # # FC #
.:-03.1$ .4573$ (;357>(782' :8-5'
# # #
.>(78$ (89' 7(1<52$ 8'1.7<58';7.6'
.78' 225G'(18'6(77'58'3.' .78'
.<0523 57$ FL/# FL #
.>(78$ 5179$ <0(,,51-58' 49' .78'
225G$ FLB#
.>(78# ' .730(6E3.1# .33'1-J
0(6# :;;.,?#
.>5,,$ '7' .,6$ H%
:65$ (I'8$ <0(7(<357'.;' .78' :1J
4(7'49$ H/#
'2'0'23.79'.;' 305' .7'-'1' .;' 305'
'I','(7'<.6E('58'>'30' (J
<.1=2'(13'<'E(3'.1$ CF'
:13'1-8.1$ E69%.7'.;' 305' 6',,57'.;$
/FC$ /H #
:3<0523$ .1.$ 75;:2(,'.;' (' <0(,,51-5'
49$ H/F#
:33.1$ '7' '<0(78$(;357>(782' :8-5$
# # #

6E.2'3'.12$ 56.7(18(' .;' (<.1'75J
,(3'I5'3.$ HB# B #
'2<:22'.12' '1' 305' .66.'I2' .;'
305' .1-=2'7'-03'3.',(9'3056'.1$
/B # /C $/CB# / F$ / H# / L#
Ð (<.1=2'(7-I:1(.13''1';(I.:7'.;'305'
'1-=2'7'-03$ /L/ \ #
52:,3'.;'305'854(35$ /$ #
05' >(7'(-('123'3056'45-:1'49'
(652' 0'35,.<?5$ FHC#
1;.76572$' '7' 35E051' 7.<3.7=2'E7.J
Q5<32' 75,(3'I5'3.$ (18' (<.1=2'
<.66513Z'30575.1$ LB \ / H#
1157' 56E,5'(18' 7(9=2' 11' (2@:5'
(3'305' 7'1<522' ,'M(4530=2' (7J
7'(-5$ FHF$ FHH#
75,(18$ 97.15=2';'-03';7.6$ H$ // #
5>'7545,,'.1'1$ 2:EE752258$ // #
12>572'3.'@:523'.12'(2'3.'305'8'2J
E.2(;' .;' <.1;'2<(358' ,(182' '1$
/// \ //F#
.66'22'.1572'(EE.'1358'3.' E75J
E(75'('E7.Q5<3';.7'305'2533,566513'
.;$ //H#
(<.1=2' '2<.:725'.1'305'E,(13(J
3'.1'.;'305'<.:1379$ //H \ / B#
3356E3'3.''13'=.8:<.' (7,'(651J
3(79' .I5716513''13.$ F # $$

75,(18m% ' '
6E7(<3'<(4','39' .;' -.I571'1-'49'
(' (7,'(6513'37:,9'75E752513(J
3'I5\#' 23(35' .;' 75E752513(3'.1' (3'
,'M(4530=2'(<<522'.1$ F F#
75<3'.1'.;'15>'4.7.:-02'1'75J
,(3'I523751-30'.;' (30.,'<2' (18'
7.3523(1325 F H#
5<522'.1'.;' 305' 6'1.7'39\#' 305'7'
<.6E,('13'3.'305' '1-'<.66'2J
2'.1''22:58'3.'51@:'75''13.'2(65$
F #
1237:<3'.12' 3.' .66'22'.1572'
8'K(>1'49' .4(73'5G<5E358'3.'49'
(<.1$ F B#
%:523'.1'75,(3'I5'3.'305'7'-03'.;'
305' 7.>1'3.'<.6E5,' 7'2065 1'
3.'3(?5'305' (30'.;' ,,5-'(1<5$
F #
52:,3'.;'305' .66'22'.1'2513'.I57'
;7.6' 1-,(18\#' 305' '1-=2' (1J
2>57'3.'305'<.6E,('13'75,(3'I5'3.'
305'E.I5739'.;'305'15>'4.7.:-02$
F L$ FL # !
22:52' .9(;'(2'('2.:7<5'.;'75I51:5'3.'
X305 '1-$ F F#

(652' #' .01' .123(4,5'?1'-0358'49$
552'-7(1358'49'0'6$ B#
'2' E(<';'< E.,'<9'305' 6.23':1J
E.E:,(7';5(3:75''1'0'2'-.I571J
6513$ /B#
0.>2'1.''1357523''1' (<.1=2' EO'J
,.2.EO'<(,'E7.Q5<32$ F#
(<.1=2' E,(12';.7.43('1'1-'(<<522'
3.'(18'1';.:51<5'>'30'0'6$ H #
5-2' E(78.1'.;'0'2' 7..6'.;'305'
Q,58<0(6457';.7'('>7.1-'8.15'
'1'(1-57$ H '
.3'.12' E:3''13.''0'2' 05(8'(4.:3'
305' :7'3(12'(18'305' '20.E2$
H #
1'(86'757'.;' '20.E' 1875>2$
BF'
'2'8'75<3'.12'3.'305' :8-52'<.1J
<571'1-' 7.0'4'3'.12$ 305' E7.J
<558'1-'3.'4':258'>'30'305' (J
E'232$ (18'305'(86'1'237(3'.1'.;'
305'15>'.(30$ L \ L/#
1'305'75I51:5'.;'(,50.:252$ L #
'2' E7.-7522' '13.' .730(6E3.1K'
2,':K5$ L '
'2'4..7'1'I'18'<(3'.1'.;'305'.(30'
.;'(5-'115.$ / C#
7G'2' 65(2:752';.7'523(4,'20'1-'305'
(:30.7'39'.;',(>'1' 75,(18$ //H#

(652' # \ %
(<.1=2',53357'3.'0'6'.1'E752513'1-'
0'2' '2<.:725'.1'305' E,(13(3'.1'
.;' 75,(18$ D
EE.'132' '20.E' 1875>2'3.'(1J
2>57' 5,,(76'1$ /H #
'2'513573('16513'.;' 2((<' (2(:K'
4.1$ /HB#
'2';'1(1<'(,'8';;'<:,3'52$ /H \ / #
'2'75I51:52';7.6'351:752'(18'E7'J
I',5-52'(';('7'2:4Q5<3';.7'4(7-('1'
>'30'305' .66.12$ / F$ / H#
5<,(7(3'.1'.;'0'2'>(132'49' (,'2J
4:79$ / B \ /BC#
56(182'6(85'.1'0'2'450(,;$ (18'
.1<522'.12'.;5758''1'5G<0(1-5$
/B $ /B/#
:EE752252' .>5,,=2' U 1357E75357=
49'E7.<,(6(3'.1$ /B #K
.1<5852'3.'305' .66.12','45739'
##' 3.' 375(3'.;' (' <.6E.2'3'.1';.7'
(782'(18' 51:752$ /BC# /BL#
56(182'1.>' <.18'3'.12$ /BL \
<
43('12' (' ,.(1';7.6' 305' '39$
/CF#
'2'6522(-52'3.'305' .66.12$ /CB#
/ #
'2'2E55<0'3.'3056\#' '32' '13513'.1'
(18''32'5;;5<3$ / /$ / #

%4$,' K%

5<5'I52' 305'7' E53'3'.1' .;' '-03'
-7(<'.:2,9'(18'-7(132'305'E'(957'
.;'3$' / H#
.125132'3.'(4(35'2.6530'1-'.;'0'2'
;.7657'856(182''1'6(3357'.;'305'
.137(<3$' /#
5<5'I52'305'E53'3'.1'.;' 7'5I(1<52$'
F#
(:252'0'2'(12>572'3.'2.65'.;'305'
(73'<,52'3.'45'75(8$'(18'85,'I572'
0'2'(12>57'<.1<571'1-' 6E.2'J
3'.12'>'30'0'2'.>1'6.:30$' H \
B#
-7552'3.'(4(35'2.6530'1-'6.75'.;'
0'2'856(18$'(18'(<<5E32$'1'5GJ
<0(1-5';.7'2E5<';'58'<.1<522'.12$'
('E57E53:(,'75I51:5'.;' $ '#$
C#
5,'I572'0'2'(12>572'3.'305'7523'.;'
305' (73'<,52' '1' 305' XE53'3'.1'.;'
7'5I(1<52$'(18'E7.7.-:52' (7J
,'(6513$' #
5-'11'1-'.;'(' '23.79'.;'0'2' '65'
2513'3.'0'6'49' (<.1$' / #
.12:,32'305' :8-52'(2'3.'305',5J
-(,'39'.;'<573('1' 7.<,(6(3'.12'
<.6E,('158'.;'1'305'E53'3'.1'.;'
-7'5I(1<52$'(18'A:E.1'305'7'.E'J
1'.1'-'I510'>'3087(>2'3056$' /L'
P
5(2.12';.7'2:2E5<3'1-'30(3'05'>(2'
8'23(2358'.1'75;,5G'.1'>'30'305'
357 6 2'.;'305' .137(<3$' #
(71'1-'.;'('89'1-'E557'(-('123'
'3$' $ F#
5@':752';7.6'305' .66.12'('
2E5589'(12>57'>053057'3059'>k,'
E7.<558'>'30''3'.7'1.$' H#
('252'0'2'3576 2'(-('1$'3057549'
E7.I.?'1-'('75;:2(,$'(18'E:32'
(1'518'3.'305'15-.3'(3'.1$' \'
#
'2'E7'I(35'756.1237(1<5'>'30'<57J
3('1'656 4572'.;'305' .>57'
.:25$'(18',53357'3.'305' E5(?57$'
F \ F #
'2'752.,:3'.1'3.'8'22.,I5'305' (7J
,'(6513$'(18'305'75(2.12'.;'3$'
FB$ FC#
'2';'1(1<'(,'<.18'3'.1$' F #
7.6'252' (<.1'305'7515 72'.1'.;'
305' 33.7159K 5157(,20'E$' H \'
HF#
8I'<5' 3.:<0'1-' :33.1=2' 523(35'
35185758#3.'0'6'49' (<.1$' HC \'
H#
'2' E.2'3'.1' (18' .EE.73:1'39' (3'
(,'24:79=2'85(30$' CB$ CC#
0(7(<357'.;'0'2' .'6<',$ CC$ C #
(<.1=2'(8I'<5$'(18'.;;57'.;'257I'<5$'
CL \ #
';;'<:,3'52'1'305'>(9$' $ F#
.23E.152'305'@:523'.1'.;'<(,,'1-'('
1.>' (7,'(6513'(18',.252'0'2=
.EE.73:1'39$' F#

%4$,' \%

'2'<.1356E,(358'75;.76'1'305'
(866'1'237(3'.1'.;'305' .:73'.;'
(782$' H \ #
EE.'132' 7' 5.7-5' (759'6(2357'
.;'30(3' .:73$' L#
22:52'E7.<,(6(3'.1';.7'305'(EE75J
0512'.1'.;' .78' (1@:0(7$<(:252'
0'6'3.'45'37'58'1'3,'5' '1-=2'
51<0$'(18'75;:252'3.'75E7'5I5'
0'6$' L \ LH# b 5' (1@:0(7#a
185pI.:72'3.'E75I513'305'6(7J
7'(-5'.;' (89' 7(45,,(' >'30'
' '(6' 596.:7$' L #
'2' 65(2:752';.7' ?55E'1-'3056'
25E(7(35$' LB# F /#
77(1-52'6(77'(-5';.7'0'2'5,8523'
8(:-0357'(18',5I'52'N('8$P'F F#
185(I.:72'3.'75E('7'0'2'523(35'49'
305' '6E7.I56513'.;'0'!'E(37'J
6.19' >'30.:3' (7,'(6513(79
X3(G(3'.1' (8I'<52'(18'75E.732'
30575.1$'F// \ FFB# F \ FB #
5<5'I52'75E.73'.1'85<5'32'E7(<J
3'258'49'305';(7657 2'.;'305' :2J
3.62'(18'.;' 751<0' '152$' FFC#
1I'352'305' (2@:572'.;' 7(9=2'11'
(18'305'1157' 56E,5'3.'2:EE57$'
FHH#
22:52'<.66'22'.1':.7'75;.76'.;'
(4:252''1'305'1(I9$'FHB#
5;57('3.'305' .:1<',' 305'@:523'.1'
.;'<(,,'1-'(',('(6513$'FBF#
8I'<5'0.>'3.'E7.<558'>'30'('(7K'
,'(6.13'35185758'49' (<.1'(18'
49' '7' # 5I',,5\\'<.13'K(23'45J
3>551'305'3>.$'FBH \ FC #
3356E32'3.' '137.8:<5' (7,'(J
6513(79'-.I5716513''13.'75J
,(18\\'575<32'('1:6457'.;'15>'
4.7.:-02$'F F#
5(72'305'<.6E,('132'.;'305' (J
30.,'<'E(73D$'(18'25182' .66'2J
2'.1572'3.''11523'-(35'3056$'F #
'2';.76(,'(12>57'3.'305'85E:3(J
3'.1$'(18'8'75<3'.12'-'I51''1'<.1K'
25@:51<..;30551@:''9$'F L$ FL #
<32':E.1'(<.1=2'(8I'<5''1'7('2'1-'
.?5'3.'305' '1-=2' 51<0$' .J
4(73'3.'305' .66.1' ,5(2$' (J
<.1'3.'305'E,(<5'.;' 33.7159$'
(18' 5,I573.1'3.'30(3'.;' .,'J
<'3.7$'FL #
5<5'I52',53357'.;'30(1?2';7.6'
(<.1$'FL/#
(?52' .?5'('7'I9' .:1<',,.7$'
D
7(>2':E'('E7.<,(6(3'.1'(-('123'
8:5,,'1-$'FLB# FL ' 9
' FLF#
52:'32$'305$' / #
.152$' 8>(78$'H '
.12.1$' .1$' .1' 5<',' (7,'.;' (,'2J
4:79$' / '
.:4573$' (:7512$'(:30.7'.;'U (7(8.G(
58'<($=B '

z " ;

#

56E$ .4573$ H '
'1-$ # # 2@# # # #$ .7?' 57(,8$'
'1;.76(3'.1';:71'2058'49$F '
1515 3$ .78$ (3'305'<.1;5751<5'.1'305'
2<(7<'39'.;'2',157$ B#

1'-032'6(85';755,9''1'/B F$/#
1'-032÷ 57I'<5$(11:(,'<.6E512(3'.1'
.;;5758'3.'305' '1-''1',5:'.;$
/BC#

('1-$ (I'8$ 2@#$'1;.76(3'.1'<.6J
6:1'<(358'3.'305'(:30.7'49$ HC'

(?5$ '7' 046(!'FC #
(64('K8.$ ',,'(6Ⅱ' 0'2'4..?' (4.:3'
0:7'28'<3''.12'.,' .:732$' H'
(1<(2357$' :<09'.;# (<.1=2';55';7.6'
305$ BF'
51.G$* .8.>'<?' 3:(73$:?5'.;$ H/#
'2' 75,(3'.120'E'3.'305'?'1-$ D ,'

'==' (18'
'1<.,120'75$ 75E.73'.1' N :77.:1858'
-7.:18P' '1$ F/C#
.18.1$ 5G.74'3(13' (22:7(1<5'3.'305'
<'39'.;$ /#
.6E,('13' (-('123' (' 7.<,(6(3'.1'
75,(3'1-'3.'15>'4:',8'1-2''1'$ #
53357' ;7.6' (<.1'3.'305' .78

.18.1\%
(9.7'.1'('E7.<558'1-''1'('E7'J
I(35'<(:25$ B #
.782$.:25'.!'75(89'3.'0.'1''1'<51J
2:75'.,' 7# .>%5 $ /B #
G<0(1-5' 656.7'(,2'.,'305' 75(3'
.137(<3' >'30' 305' .66.12$
#
%:523'.1' (2?58' .1'305' .<<(2'.1$
D
= 05'7'2:EE.73'.;' (,'24:79$30.:-0'
E7.4(4,9'< '2,'?'1-'305' .137(<3'
25<753,9$ #
1I'35'305' .66.12'3.'0.'1'3056'
'1'('E53'3'.1';.7'65(2'6<2'.,'75J
,'5,'3.'305'E5.E,5$ #
% .66.12#
.>' .'637'52$<.23'3.'305' '1-'.,'305$
/BC#

(12<$ '7' .4573$ 75(26K57'.,'305'
(19$ 56E,.92'('(>957'3.'';'18'
.405<3'.12'3.'('7.9(,'<.66'22'.1$
FHB#
.66'3358'3.'E7'2.1$(18'E7.<55858'
(-('123' 45;.75'305' .:1<',$ FHC#
F /# [
' 0'35,.<?5#
(7$ (7,'.;$6(85' 75(2:757'.,' <.3J
,(18$ H/'
(7''(-52'>'30.:3'<.12513$ .78' ,,52J
6575=2'40=>.78'.1$ BC#
(720(,25($.:73'.;$HH' ' B \ BH#
' 57-5#
(73'1$ .15'.,'305'N'.EE.2'35'E(739P''1'
(7,'(6513$ FB $ FC #
(79$%:551$'10'4'3'.1'2513'3.' (7,'(J
6513'49$ / F#
175E5(,58'23(3:35'5G<,:8'1-'057'
;7.6'305' 7.>1$ /F#
I2357'.;'3,'5' (782$.;;'<5'.;$ I(<(13'
49' (,'24:79=2'85(30$ H#
5<,(7(3'.1'(18' '75<3'.12';.7'305'
15>'6(2357$87(>1':E'49' (<.1$
H \ #
05'.;;'<5'<.1;57758';'723'.1' '7'
5.7-5' (759$ (18' (;357>(782'
.1' '7' (,357' .E5$ L$ FH #
(<.1=2'8'2(EE.'136513'.1' 4.30'
.<<(2'.12$ H$ F//$ FH #

1'-032'6(85';755,9''1'/B F$/#
1'-032÷ 57I'<5$(11:(,'<.6E512(3'.1'
.;;5758'3.'305' '1-''1',5:'.;$
/BC#

.18.1\%
(9.7'.1'('E7.<558'1-''1'('E7'J
I(35'<(:25$ B #
.782$.:25'.!'75(89'3.'0.'1''1'<51J
2:75'.,' 7# .>%5 $ /B #
G<0(1-5' 656.7'(,2'.,'305' 75(3'
.137(<3' >'30' 305' .66.12$
#
%:523'.1' (2?58' .1'305' .<<(2'.1$
D
= 05'7'2:EE.73'.;' (,'24:79$30.:-0'
E7.4(4,9'< '2,'?'1-'305' .137(<3'
25<753,9$ #
1I'35'305' .66.12'3.'0.'1'3056'
'1'('E53'3'.1';.7'65(2'6<2'.,'75J
,'5,'3.'305'E5.E,5$ #
% .66.12#
.>' .'637'52$<.23'3.'305' '1-'.,'305$
/BC#

(12<$ '7' .4573$ 75(26K57'.,'305'
(19$ 56E,.92'('(>957'3.'';'18'
.405<3'.12'3.'('7.9(,'<.66'22'.1$
FHB#
.66'3358'3.'E7'2.1$(18'E7.<55858'
(-('123' 45;.75'305' .:1<',$ FHC#
F /# [
' 0'35,.<?5#
(7$ (7,'.;$6(85' 75(2:757'.,' <.3J
,(18$ H/'
(7''(-52'>'30.:3'<.12513$ .78' ,,52J
6575=2'40=>.78'.1$ BC#
(720(,25($.:73'.;$HH' ' B \ BH#
' 57-5#
(73'1$ .15'.,'305'N'.EE.2'35'E(739P''1'
(7,'(6513$ FB $ FC #
(79$%:551$'10'4'3'.1'2513'3.' (7,'(J
6513'49$ / F#
175E5(,58'23(3:35'5G<,:8'1-'057'
;7.6'305' 7.>1$ /F#
I2357'.;'3,'5' (782$.;;'<5'.;$ I(<(13'
49' (,'24:79=2'85(30$ H#
5<,(7(3'.1'(18' '75<3'.12';.7'305'
15>'6(2357$87(>1':E'49' (<.1$
H \ #
05'.;;'<5'<.1;57758';'723'.1' '7'
5.7-5' (759$ (18' (;357>(782'
.1' '7' (,357' .E5$ L$ FH #
(<.1=2'8'2(EE.'136513'.1' 4.30'
.<<(2'.12$ H$ F//$ FH #

(3305>$ '7' .49$ 2.1'.;'305' 7<0J
4'20.E'.;' .7?$('<.1I573'3.' .K'
6(1'26$<.66'3358'3.'<:23.89'49'
305' 'K<04'20.E'.;' (13574':K9$
4:3'(,,.>58'3.'I'2'3' (<.1$K #
5;:252'3.'3(?5'305'.(30'.;'(,,5-'J
(1<5' (18' '2'<.66'3358' 3.' 305'
,553$ L#
(<.1=2',53357'3.'0'6'>051'30575$'
(18'1357<522'.1';.7'0'6$ / #
2',457(358'.1'<.18'3'.1'.;'@:'3J
3'1-' 1-,(18$ D
.13'1:52'3.'<.7752E.18'>'30' (J
<.1'(4.:3','357(79'6(33572$ L$ //#
/F \ /FL# /H #
(<.1=2' 22(9'.;' 7'51820'E'>7'3J
351'(3' 7'2'75@:523$ //#
'2'<.,,5<3'.1'.;',533572Ⅱ \ 305'58'J
3.7=2'E,(1'.;' .4,'357(3'1-'.7'8'2J
-:'2'1-' 1(6528(352$ (18'E(7K'
[-{3'<:.,(72$ /F # /FF# /F # /F #
(9$ '7' :6E0759$ H '
5E.732'3.' (,'24:79'305' '1-=2'
2(3'2;(<3'.1'>'30'305'E7.<,(6(J
3'.1' <.1<571'1-' 305' I(,:5' .;'
<.'12$ HH#
',,57'.,' :13'1-8.1$ E7(957'.;'30.$
/FC# /H #
'13$<573';'<(35'N'3.:<0'1-'30.'2<(7<'39'
.;'2',157P'(3'30.$ \ L#

'13' (18' ',I57$ 75E.73' .1' E7.Q5<3' <.1J
<571'1-$ F F#
.,'15:G$ '7' '<0(78$ H #
15' .;' 305' ;'723' / ' 4(7.1532$ D ;'

.13(-:$ ' (2',$,53357' .;' (<.1=2'
75,(3'1-' 0'2' 6.3057=2' ;:157(,''1'
:-:23' /B/ $E7'1358'49$ /B# U
.13(-:5$ '7' 569$ 5<.'K857'.;' .1J
8.1$ (18' .15' .;' 3,'.' '1-=2'
,5(7158'<.'625,$ H '
.'158'K>'30' (<.1''1'305' :23.62'
(18' '152' 1@:'79$ FFB \ FFL#
'q>' ' F # F F#
.13(-:5$ 7# (652$ 5(1'.;'305' .9(,'
0(E5,$ (18'58'3.7'.;'305' '1-=2'
>.7?2' 0'2' E75;576 5132$ H '

.13-.6579Q (7,#.;' 0'2'@:(775,' >'30'
.78' :3,(18'N'@:51<058'49'305'
'1-$P' FLB#
.75$ '7' 5.7-5$ L#
:77(9$ .01$ (;357>(782' (7,'.;' 1K'
1(18(,5$ 0'2'<0(7(<357$' # HC# X
533572' ;'. 6' (<.1' 3.' 0'6$' #
HC#
1$ ()' %2(15,' 4$%1,' ()'%22$,,'&('
305' '1-$ H # H #
:77(9$ '7' (I'8$?55E57'.;' 305'
7'1<5=2' E:725$ F#
9,,5$ ',,'(6$,57?'.;'305' 3(7'<0(6J
457$ 85(30'.;$ (18'2:<<522'.1'.;'
(<.1'49'751572'.1'3.'0'2'.;;'<5$

(3'.1(,' 5(,30$ 0. .I58' '1' (<.1=2'
8(92'3.' <.12'23'.;'-.,8'(18'2',J
I57$ #
(I9' (4:252$ .66'22'.1' ;.7' 75;.76'
.;!.:;51<5'.;' (12.;'(18' 0'35K'
,.<?5''1'75;5751<5'305753.$ FHB \'
F C#
5,'-(1$ 7#$ # 75,(3'I5'3.' .49'
(3305>=2'<.1572'.1''1'305'<.,J
.5<3'.1'.;$ L' ' / #
57.$ E.,,.1':2=2'Q:8-6513'.1'305';(,,'
.;$ /CC#
.7I(=2'E7'1<'E,5'.;'-.I571 6513$ /CC#
.137(23'453>551'0'6' (18' 5'K.$
/C #
'<0.,,2$.'Q5(13$ L#
'<.,2.1$ 7#$ 75I51:5'.;;'<57$ F/B#
.77'2$ .78$ 8:5,''1351858'49$ FLB#
$=+**$,' +/ $1/0,' ,' 9'
@ ' (12>572'3.'305' '1-=2'@:52J
3'.12$ F/#
'2'<0(7(<357'(2'('23(3526(1$ (18'
I'5>2(2'3.'305'E.2'3'.1'.;' '1-'
X(18' ('','(6.13$ FBH#
1'(2E'7(13'3.'305' 5<753(7920'E$
D ',FB # FC #
'2'(8I'<5'3.'305' ''1-'<.6E(758'
>'30'30('3'-'I51'49' (<.1$ FCF \'
FC #
.730(6E3.1$ 5179' .>(78$ (7,'.;$
.78' 7'I9' 5(,I'1.3'('; (I.:757'
.;' (<.1$ #
'2' (<<.6E,'2065132$ <0(7(<357$
<(7557$ 53<#$ D ,' ; CC#
5,'I572'305' '1-=2'(12>57'75,(J
3'I5'3.' 51:752$ /BC#
-('123'305'<(,,'1-' .;' (' (7,'(J
6513$ (18'(<3'I5' '1' 851'2'1-

.730(6E3.1\%
65(12'3.' '6E7.I5'305'75I51:5$
F#
5E.732'3.' .<052357'305'752:,3'.;'
.12:,3(3'.12'<.1<571'1-'305'('8'
.1'3,'5' ''1<522=2'6(77'(-5$ F F$
F H#
6E,.92' (<.1'(18'3(?52'E('12'3.'
47'1-' 0'2' 257I'<52' :1857'305'
'1-=2'1.3'<5$ F F$F H# FFB$ FFC#
FFL#
5E.73'.1'85<5'32'E7(<3'258'49'305'
(7652'2';'305' :23.62'(18'.;'
751<0' '152$ 2'-158'49' ,''6'
(18'305' .78' 0(1<5,,.7$ FFC \'
FFL#
(44+,,+(1$/)(/'&''$ ())+2$ ()' %/*
%/,'%*;'>"9
=$/,$'&('&'$'&/+%*'()'% %/*+%4$1&,'
FBF#
5E.732'3.' '7' # (?.'305'E.23J
E.15651 3.';'305'@:523'.1'49'305'
.'6<',$ FC #
:30.7'.;'N' '2' (Q5239=2' 8'<3$
53<#$ (-('123' ,E7'I(35'<.64(32$P'
FL # (18' !
.730(6E3.120'75$.<<(2'.1'.;'257'.:2'
7'.32'1$ L '
.730':1457,(18$ (7,'.;$ (' E(37.1'.;'
0.6(2' (71.3$'(18'1.>'E7'J
2.157'1'305' .>57$,'?5,9'3.'
05,E'305'-75(3'123(:7(3'.1$ F$
BF$
.33'1-0(6$ 0(7,52' .>(78$ (7,'.;#
.78' '-0' 86'7(,$' .66'22'.1'
;.7'75;.11'.;'(4:252'1'305' (I9'
752'2358'49$ FHB#
'H L#

5 (6'%/&0,' A+,"/$-$*,'(=$/&'/(C'(),'

?50(6E3. 1' <0. . .' 523(35$ 53357';7. 6'
(<. (' 75,(3'I5'3. $' H #
12,. >$ '<0(78$ E,. 7(,'39' .;' .; <52'
05,8' 49$ H #

7E05 : 2$ (EE,'<(3'. 1' 49' (<. 1' .;' 305'
;(4,5'. !' //C$ // #
:3,(>7'52$ (2' (' 2. . 7<5'. .;'75I51 : 5$ F #
>51$ '7' . -57$ 1. 352' .;' (' 2E55<0' 49$
#

(<?'1-3. 1$' (89' A (<. 1=2' 6 . 3057K'1K'
,(>D$ E(7358' ;7. 6' 057' 0 : 24(18'
N : E. 1' ; . : ,' 3576 2P \ 057' 8'2J
E. 2'3'. 1' 3. ' <(: 25' 8'22512'. 1' 45J
3>551' 057' 8(: -03572' (18' 305'7'
0 : 24(182$ /F#
(<. 1=2' ,53357' 3. ' 057$' /H#
(889$ '7' ',,'(6 $' '1-' (6 52=2'
E092'<'(1$ BF#
(1<'7. ,,.' AN' (1<(7. ,: 2P # '1' (<. 1!2'
1. 354. . ?0' 0'2' 5E. <0$ (18' 0'2'
>. 7?' N' 57: 6' 56. 7(4','6$P'
53<# B'
(E'232$ E7'5232$ 53<# .352' .;'305' '1-=2'
8'75<3'. 12' 752E5<3'1-'305'E : 1'20J
6 513' .;$ L $ L/#
(7,'(6 513$'305'(1<'513' (18'0. ';3 : 7(4,5'
756 589' ; . 7' 305' >(132' .;' 305'
7. >1$' #
%:523'. 1' .;' <(,,'1-' A/B/ D' E. 23J
E. 158$ F#
%:523'. 1' (-('1' 6. . 358# FBF# K
'5>2' .;' '7' 5179' . I' 5' <. 1J
<571'1-$' FBH# FCF$ FCH#
N 5(2. 12P' ; . 7'<(,,'1-$'N 1<'85132P'
.;$' (18' 8I'<5' 0. >' 3. ' E7. <558'
>'30$' 49' (<. 1$ FB \ FCF##
%:523'. 1' .;'<(,,'1-' . 15'(-('1' E. 23J
E. 158$ FC # ' . 6 6. 12#
(779$' '7' 0. 6(2$ Q. '158' '1' <. 6 6 '2J
2'. 1' . 1' 305' '1-=2' 523(35$ F/H#
(3513' .;.;'<5' 2:58' ;. 7' . 1' 450(,;' . ;' 305'
(89' 7(45,,($ HH'
57<5$' 7#$' 5<753(79'3. '305' 5E : 39' . ;'
75,(18$' 53357';7. 6' (<. 1'3. $ #
.7'(6$ H # '8. >' . ;' 0'5;' : 23'<5'
57'(6$ D '
55' 18$$ (1' E * % ' 99
57@ : '2'352' . ;' . : 732' (2' (' 2. : 7<5' . ;'75J
I51 : 5'3. ' 305' '1-$ F /#
,('9;57$' 7#$' 36 12,(3. 7' . ;' (<. 1=2'
N' 8I(1<56 513' .;' 5(71'1-$P'
BH'
05,'E2$' '7' 8>(78$' '1-=2' 25'05(13$
6'8' E5(?57' . ;' 305' . : 25' . ;'
. 6 6. 12$' #

'$*+8, \ %
EE. '1358' (2357' . ;' 305' . ,,2$
H # ' H/'
0','E' . ;' : 237'($ 0. >' ; . 7<58' 49' . 6 9'
3. ' -'I5' : E'305' (7,' . ;' ' K'
; . ,?$' L #
0',,'E2$' 7(1<'2$ HC#
. 5$' 305' (7,' . ;' (,'24 : 79=2' E092'<'(1$
F#
(<. 1=2' 75(2. 1' ; . 7' 255?'1-' 0'2' (<J
@ : ('13(1<5$ BF#
. . 7$' (<. 1' . 1' 305' 75,'5;' . ;' 305$' \'
#
(8'%4;' +f /%12+,;' ;' 9'
. E0(6$' 0'5;' : 23'<5$ 8(35' . ;' 85(30'
. ;$ //B#
' ;' <(25' . ;'305$ (7- : 58' 45; . 75'(,,'
305' : 8-52' '1' 305' G<05@ : 57'
0(6457$' (18' 85<'858' '1' 305'7'
; (I . : 7$ /H \ /B#
7'523' (18' 7'-03$' 0(7-5'(-0'123' ; . 7'
>7'3'1-' (18' 85,'I5''1-' (' <0(,J
,51-5$ FLL#
3(7' 0(6457' 85<755' '1' 305' <(25'
. ;$ H L#
51351<5'(18' 51(,3'52' H/ $ H/B#
7. <,(6(3'. 12$' . 9(,$' 53'3'. 0' . ;' 305'
. 6 6. 12' (-('1!' 305' (4 : 25' . ;$
(18' (<3'. 1' 3(?51' 49' '1-' (18'
. : 1<' ;'30575. 1$' /L \ /#
7. <3. 7$' '7' 35E051$' 0'2' E7. 05<3' ; . 7'
305'75237('1'1-' . ;' 1; . 7 6 572$'53<#$
LB#
(3513' >'30' 75;5751<5'305753. ' 2. J
,'<'358'49' 0'6$' LC#
(<. 1=2' 573';'<(35' 3. : <0'1-' 0'2'
E7. 05<32$' LC \ / H#
. 6E,('158' . ;' (18' E : 1'2058' '1'
(7,'(6513$' (18' 2E5<'(,,9' 5GJ
<5E358' ;7. 6' 305' 4515;'3' . ;' '5
-5157(,' E(78. 1$' / H$ / #
7. 0'4'3'. 12$' <. 6E,('132' . ;' 305' '1-'
75,(3'I5'3. $' L$ L T
: 7'3(12$' <. 1<5'3' E : 3' '13. ' 3,'5' '1-=2'
05(8' <. 1<571'1-$ H #
: !59(1<5'(18' : 7159. 72$' 9;'

(,5-0$' '7' (,357$' '1<,'158' 3. ' 5GE57'J
6 5132$' F#
123'R : <358' '1' 6(3056(3'<2' 49' (7K#
7'. 3$' BF' ?
(>,59$' 7#$' B'
>051<5' 05' 3. . ?' 305' E7'1<'E(,' <. ,K

(>,59 \ % %
,5<3'. 1' . ;' ,533572' '1' 305' 52 : 2<'K'
3(3'. $' BL'
5<. 7857' . ;' . 18. 1# ' . 13(-: 5$
'7' 5179#
5<: 2(132$' HC' ' B' ' C # L/#

N + ' F ;' E'5<5' 49'
(<.1' 2.' <(,,58$ /F #
5I572'.12' (18' 756('18572$ (2' (' 2. :7<5'
.;'75I51:5' 3.' 305' '1-$ F/ #
.<052357$ (7,' .;# ' (77#
. 6 (1' (30.,'<2# ' (E'232# 5<:J
2(132#

:225,,$ 0. 6 (2$ 51-(-58' '1' 5GE57'J
6 5132' ;. 7' 25E(7(3'1-' 2',I57' ;7. 6'
305',5(8' .75$ BF'
(<.1-2' 6 .3'I52' ;. 7' <:.,3'I(3'1-'0'2'
(<@:('13(1<5$ F$ BF#
:3,(18$ (7,' .!' 51-(-58''1'3>.'@:(7J
75,2$ FLB#

(<?I',,5$ 8>(78$ 0'2' 8:5,'>'30' .78'
7(<5$ FLB#
(,'24:79$ .4573' 5<',$ (7,'.;$ F#
(<.1-2' '62:<<522;:,' 5185(I.:72'
3.'523(4,'20'(' <.78'(,''1357<.:725
K >'30'0'6$ $ # B #
5157(,' <0(7(<357' .;' ,(2' ;7'518J
20'E2$ #
56.7(18(' .;' 30'1-2' >0'<0' 05'
>(2' 3.' 4.' 756'1858' .;$ B# C#
H # HB# HC#
.352' .;' 0'2'0:6.u772$ H # # B #
BF# CH#
15' .;',''2';'1(1<'(,'E7.05<32$ HB#
'2' 257I'<52' '1' 6(1(-'1-' 305'75J
,(3'.12'.;' 1-,(18'(18' <.3,(18$
H/#
'2' 1.35' .1' 305' 85<75(25' '1' 305'
I(,:5'.;' :42'8'52$ /HL#
'2'(EE.'136513'(18';'723'E7.<558J
'1-2'(2' .78' 75(2:757$ /B \'
/B #
'2'2<0565'.;'305' 75(3' .137(<3$
/ F#
'2'>(9'.;'.E51'1-'305'15-.3'(J
3'.1$ / H#
'2'2E55<0'(3'305' .1;5751<5'.;'305'
3>.' .:252$ / \ /BC#
64'-:'39'.;' 0'2',(1-:(-5'>'30'
75-(78'3.'305'30'1-2'.;'5758' '1'
>(9'.;'7<3''4:3'.1'49'305' '1-$
/ L#
.1'30'1-2'(3',51-30' 1(658' 49'
0'6$ /B $ /B/#
'2'85,(9''1'(12>57'1-'305'.;;57'
.;'305' .66.12$ (18'305'E7.J
4(4,5'6.3'I5'.;''3$ /BC$ /B #
'2'15>'1572'.1'.;'305' .I571J
6513'E7.E.2(,$ /BL \ /CF#
'2'8'2(EE.'136513'(3'305'75;:2(,'
.;'305' .66.12'3.'513573('1''3$
(18'13'6(3'.1'.;'('E.22'4,5'6.J
8';'<(3'.1$ /CH$ /C #
'2':25'.;'305'.<<(2'.1'.;'305'85(30'
.;' .6K9' #.;' 7(1<.$ / #
1I'352'(' 7515>(,'.;'305'15-.3'(J
3'.1$ >'30' E7.6'25' .;' 453357'
3576 2' (18' 6-52' 5GE58'3'.1'
0.E'1-'3.'(13'<'E(35'3,'5'3075(3J
5158'854(35'.1' 6E.2'3'.12$ D
'2'2:8851'<0(1-5'.;'3(<3'<2$ (18'
5185(I.6K'3.'-.3'('-7(13'.;'2:4J
2'8'52'(3'.1<5$ / B \ / L#

(,'24:79 \ %
'2' 5GE,(1(3'.1'.;'0'2' E7.<558'1-'
'1' 305' 6(3357'.;' 6E.2'3'.12$
(18'0:23';'<(3'.1'.;''32',5-(,'39$
H$ #
572:(852'305' .66.12'3.'(<<5E3'
305'3576 2'1.>'.;;5758'(18'(-755'
3.'305' .137(<3$>'30.:3'>('3'1-'
;.7' 305' '1-=2' (12>57' 3.' 305'
E7'1<'E(,'-7'5I(1<52$ C \ #
'2' 85<,'15' '1' 305' '1-=2';(I.:7$
(2' 75E.7358'49' '20.E' ..86(1$
$ F#
6E.22'4',''39';'?1.>'1-'>053057'
05'0(8'85(,3';(4K,9'>'30'305' '1-'
'1'3,'5'6(3357$ B$ C# FC/#
'2'15>'E,(1K.;'.E57(3'.12$ (;357'
305' .137(<3'>(2'85<,(758'(3'(1'
518$ \ F #
32';(',:75'1'2'8'75<358'49'305' '1-'
3.'<.12:,3'0.>'305' (7,'(6513'
6(9'518'@:'53,9'\'<.137'I52'49'
2:<<522'I5'(80.:7165132'3.'E75J
I513'305' .66.12';7.6'8.'1-'
(19'6.'K5'4:2'1522$ FB$ FC#
'2'85(30$ B # #
(<.1-2'.E'1'.1'.;'0'6'(2'('6'1'2J
357$ C ' ;' CL$ # # F/F'
(18' ' FB # FC $ FC/# F /#
533572'.;' 4:2'1522'3.'0'6'7.6'
(<.1$ / \ / C# / L$ /F # HH$
HB#
533572'.;'<.:735259';7.6'2(65$ / #
HB#
% HL# /B # F F#
(1892'A>7'3351'49' (<.1'V' (12P'(18'
N' (1852P0$ '7' 81'1$'('8'23'1J
-:'2058' 656457'.;'305'N.EE.J
2'35' E(739P' '1' (7,'(6513$ C '

5E.732' 305' E(73' .;' (,'24:79=2'
2E55<0'75,(3'1-'3.'N7537'4:3'.1$P'
/BL#
5E.732$;7.6' 305' 2:4K<.66'3355$
'8'24:79=2' (12>57'3.' 305';'723'
.;;57'.;' 305' .66.12' '1' 3,'5'
75(3' .137(<3$ /BL#
EE.252'('E7.E.2(,'.' ,5(I5'('85J
6(18'.;'305' '1-=2'6(12>5758$
/CH#
G37(<3' ;7.6' 0'2' 75E.73' .;' (1K
[.3057' 2E55<0'.;' (,'246 9=2$ '

]Y 5 ">

(1892 \ %
522(-5' 3.' 305' E7.E.258' 09'
0'6' (18' (8.E358$' / L#
N, =(,,51' .;';P' ;7.6' 305' N .EE.2'35f
E(739P' '1' (7,'(6513$' FBB#
FC #
' B#
(1@:0(7'A>7'3351'49' (<.1'ŒO(1<075'±
(18' N' (1@:'7PD$ .78$' 6:7857'
<.66'3358' (3' 305' '123'-(3'.1' .;$
L#
2' '18'<358' (18' E,5(82' -:',39$
L # X R
(<.1=2' (887522' 45;.75' 305' E(22'1-
.;'2513 51<5$' L \ LF#
'2' 8565(1.:7' (3' 0'2' 5G5<:3'.1$
<"
K ' FB # FC #
<.3,(18$' @:523'.1' >053057' E572.12'
4.6' '1$' 2'155' 305',''1-=2' (<<52J
2'.1$ K>575' 1(3:7(,'M58' '1' 1-J
,(18$' (7-:58' (18' 8535766'158'49'
305' :8-52' '1' 305' G<05@:57'
0(6457$' /H$ / #
(<.1=2' (EE750512'.1' .;'37.:4,58' f
;7.6$' B# CF#
EE7.I58'49'305'5I513$' D '
'2'M5(,';.7'305':1'.1'.;$>'30' 1-J
,(18$' (18' 65(12' >057549' 05'
0.E58'3.'45'1237:6513(,'30575J
'1$' H/#
:73,'57' .1' 2(65'f2:4Q5<3$' H $' HF$'
<.33$' 7'] (,357$' E.'132'.;'7525 64,(1<5'
'1'75-(78'3.'6(,(8'52';7.6'>0'<0'
05' (18' (<.1'2:;;5758$$' L# R
'2' 351857'<9'3.' ';(,,' (2,55E' (;357' # 3:(73$' 7(45,,(057'N (:25$P' HH$! 8'
65(,2$' Sh, ' X
% ' % ' ' # D 1' (18'
N' % ' 'E ' ' + * '
,1' .7?2' .;' (<.1'
2.'1(6558$' '=h)
57Q5(132'A(3',(>D' (8I'<5'3.'305K' '1-'
<.1<571'1-$' HF# f f [
.96.''7$' '7' ',,'(6$' HH'
'2'6(77'(-5'>'30' 7(45,,(f 3:(73$'
LHK!LB#
'2'E(78.1'(18'753:71$' (18'2:425J
@:513' 851.3'.1'3.' 305' 3:(732$'
F # [f T #
,'75>24:79$' .:13522$'.;$'6E,'<(358''1'
7(45,,(' 3:(7'=2' (3356E3'3.'52J
<(E5$' 057' <.13:6(<9'45;.75'305'
.:E<',$' LB#
(<.1=2' 0(7-5'(-('123'057$' LC \'
F L#
51351<5'.;'305' .:73'T057''1;,5G'K
4 '39$' F $' F /#
I57$' 2<(7<'39'.;$' B#
573';'<(35' 3.:<0'1-' 2(65' ;.:18'
f(6.1-' (<.1=2' 'D(E:72$' B \
BL#
?'1157$' '7' '1<513$' G<05@:57' ;;'<5' [
05,8'49$' #
?'1157 \ %
(<.1=2' N,53357' .;' 5GE.23:,(3'.1P'
3.'0'6$' C#
N' ?91157'P' '1' (<.1=2'1.35$#0..?$
HC'
6'30$' '7' 0.6(2$' (1' '13'6(35';7'518'
.;' (<.1=2$ 0'2'85(30$'<0(7(<357$'
.;;'<52$'53<#$' /F #
'2'4:7'(,KE,(<5'(18'5E'3(EO$' /FL# X
.657253$' (7,'.;# ' ' P
.30573.1$' (7.1$ Q.'158' '1' .66'2K$
2'.1' .1' 305' '1-=2' 523(35$#
F/H# [
Ek,57$' 5179$' HC' ,' #f #
3(7' 0(6457$' ,57?20'E'.;$';(,,2'K'1$ 3.'
(<.1$ /#
.352'<.1<571'1-$ B #
[:3'52'.;$ D ' W
(92'.;'2'33'1-'.;$ LF'
5<755' '1' 305' <(25'.;' 7'523' (18'
7'-03$' H L \ H/B#' [
3(7<0'(2'('E7.Q5<358'2.:7<5'.;'75I51:5'[
X3.'305' '1-$' F B# $ $ #
.))(*F;' '(4%,' (C%/3;' %/* (&f (/3G
' '%4-$/*%+1;' %2(15,' /2 +&+(/#
C &(;' FFUFH' LF# $
'2'(13<'5851325' D ,'
.30'1-'?1.>1'.;'0'6'(2'(' .'6K$
<' .7$' CC# f #
15' .;' 30.' E7'1<'E-#/' .66'2K$
2'.1.72' ;.7' 305' .;;'<5' .;' K (7,'
(720(,$' FHC# R
FLH$' H L#
>'11573.1$' '7' .01$' H ' ;' LB# # f K
35EO512=2' # <.,,5<3'.12$' f.53357#.;'
(<.1';7.6$KF# X# #$
Do' X R
57'6(77'(-.$(8I51 :R.2$'(18';(35$'
LH \ LC$' F /$' F # d3'5! 59K#
6.:7$' 075>24:79##' $ # f]=
3:(73$' 265=' f R R :4'-19$' f K$
3: 730' .8.>Q5?# ' 51.G# X'
:42'8'52' [(18' ;';3551302$' <.6E87'2.1'
;'R.6' f '%:551' ,'M(4530'3.'/B L$'
/HL#
11:(,' 7.<5582'.;$;'>6' /B BKB' 3.'
f /B LK/ $ L# #
:;,.,?$' 86'68'85',(' .,5f 2:8'.;$
N5G3.7358P'49 569' # ;7.6'
0',E'.;' :237'($' L #
3(10.E5$' .01' .78$' '<5K 0(6457J
,('1$' H L#
3(11(7'52$'<(:25'.;'305$' H '
.//(.13$3' /(.13' (2'('2.:7<5'.;' 75K'
X I51:5'3.'305' '1-$' F/C#
:33.1$' 0.6(2$';.:1857'.;' 305' 0(7J
3570.:25$' BF#
'2'N'>',,$P' =S' ' HC$' H #
(<.1=2'(81'<5'3.'305' '1-'3.:<0J
'1-'0'2'523(35$' HL \ BH#
7'(,' .;' 305' ,5-(,'@:523'.1' (18'
Q:8-6513' -'I51' 30575.1$' BH$
BB#

#

(<'3:2 .1 571(=2 E7'1<'E,5 .;' .K
* 1566513$ /CC#
X .6E,.$,7# A2:EE.258 49 '7<0'3.'45
[',,'(6' 56E,5$ 25<753(79 3.'
225GD$ 0'2 2:'3 ;.7?1'-030..8$
$ F#
51'2.1$ 7<04'20.E$ 0'2','47(79$ / #
' . 66513(7':2#
N' 51:752 (18 (7820'E2$P / L# /B #
R /B/## [#
(<.1=2 2E55<0 .1'E752513'1-'E53'K
3'.1' ;.7 ,'45739 3.'#375(3 >'30
305' '1-';.7$ /BF \ /B #
.1;,'<3'1-'523''1(35(' .;' 305'1(,:5'
.;$ /$ ' R
[[.:125,'3.'305' '1-' <.1<571'1-$
;7.6'('89'1-' 5578K F#
0 6'23.<,52$ <'3(3'.0';7.6$ FBL#
0:(1:2# ' . 0.:#
'EE57# A 55 9EE.7#$

'3052 (2 (' 2.:7<5 .;' 7515 1:5 3.' 305
'1-$ F/C#
'3,52$ 85;5<3'15$ E7.;'3 3.' 305' '1-'
;7.6$ F/B#
N .11.:7=2 0(235$P B
:7?'20 8:5,,'232$ 75E750512'.1'.;$ H #
:7157$ 305';51<'1-K6(2357$ 6:785758
(3 305''123'-(3'.1'.;' .78' (1J
@:0(7$ L# % (1@:0(7#
R 9EE 7$ ',,'(6$ .66'22'.157 ;.7
8'2<.1579 .;' 3'3,52 .;' 7.>1'
,(182$ HC
:7305 7'75;5751<52 3.'0'6$ # HH#
F/B#
97<.115,,$ 0'2';,'-03 ;7.6' 75,(18$ F#

97.15$'66 58'(35'.<<(2'.1'.;'0'2';,'-03
;7.6' 75,(18$ F# // #
5(,'<(:25$ H#

:

2:79$ E7.Q5<3 .;'7515 1:5 3E 305 '1-';7K.6$ F #

G

(1(2.7$ ''K 0.6(2$ 3'720.,'.;' 305'
'1-=2 .:250.,8$ (18' 35>(78'
.;'30.' ?720(,25(' .:73$ BF#
EE.'1358' :8-5'A>'30' (<.1';.7
<. r(-:.D .;'30.' .:73 .;' 305'
57-5$ HH' ' BH#

57-5$.:73 .;' 305T (3513 ;.7 '32'
<75(3'.1$ BF$ BH# R
(<.1=2 :8'<'(,' 0(7-5' .1'.E51J
'1-''3$ B. \T C #
'1<513':2' 5,,.1(<512'2 (18'0'2'>.7?'
D E5<:,:6' (Q:2$ B '1.35#

$ #

(782# ' (2357 .;'3''% (782#
$ ('K820'E2# 3 7' 51:752#=
(7>'<?$ 0.6(2$ E(3513$.;;'<5=05,8'
X 4Q;$ LH'
(2352' (18' .66.12' (2' (R2.:7<5' .;'
75151:5'3.'30.' '1-$ F/L#
(32.1$ '7' 0.6(2$ <.137(<3.7 ;.7
2(,5' .;'E(72.1(-52$ HC#
543'1.730$ # # FC #
R 0'35,.<?5$ (652$ 56E,.958 3.' ;'18'
.4Q5<3'.12' '1',(>'3.'305' .6J
6'22'.1'8;'305' ('9$ FHB#
'2E:352'305' 1(,'8'39'.;'305' .6J
6'22'.1';.7 305' .;;'<5' .;' (7,'
(720(,$ FHC#
.66'3358 3.' 30.' ,553$ (18'
<0(7-58'45;.75'305' .:1<',>'30'
2,(1857 .;' 305' '1-=2 .66'2J
2'.1$ FHC#
5E.73 .;' 305'E7.<558'1-2$ FH \'
F F#
'R(-6513 .;' (<.1=2 2E55<0$ F F'
\ F B#

0'35,.<?5$ (652 \ %
'2' .>1' (<<.:13 .;'305# 6(3357'1'
305'&.D 'F % !'F B#
'2'2:46'22'.1$ F C# X
' (125,#
R ',,.:-049$ '7' 575-7'15$ -.15';.730'
3.'('8:5,$ FLB#
',2.1$ 4'.-7(E057 .;' (652' #$ (15<J
8.35' .;'30.' '1-' 75,(358' 49$ H '
6
'182.7$ (,62' ?1'-032' .;$ 1.3 ('E75J
<5851'3.'4.';.,,.>58$ /#
'152# ' :23.62#
'3$ 305'4533.7':25' .;$ /CL#
..,,59$ '7' 7(1<'2$,57?'R .;' 305'
'E5$ HC'
X .33.1$ 8>(78' .78$ .137.,,57$ H L#
?/+6'&' + /$ /+$,&%13 ?/+6'&
793'1-3.1$ E7.4(4,9' 5'3057 8>('K8'
9730'1-3.1' .;' 7(9=2 11$ .7'
8>(78' # 1=-03'1-3.1$ .1<5'
,57?'E;'30.' (782$ HL'

'

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:$*=(+x&(1‘ +/‘ (&.5D6‘ %2(15,‘ ‘ . .27 ., I . 73 . 1$ 6 L ‘“ ‘#
2$. (/‘%‘ (*+2+&(/%13‘ *A&(/1(0A ;;572‘ 3 .‘ < . 137‘4 : 35‘ C# 3 .‘ 30“
(1(/(+‘ „ 7(9=2‘ 11‘ (2@#:5$ F H#
)(/‘ (/&‘%48&(1‘ 9 ‘
%2(15,‘ , . ,8+2+(1‘ ()‘ &(,‘ ‘%13‘ +1‘
N‘ : .7=2 D .2$P‘ L ‘
L‘ ? (1‘M)/(4‘&‘$‘L(88(,+&$‘8+. &0M O . : <0 . $‘ 8 > (78‘, c78$‘H L#
+1‘ %/‘+%4$1&,‘ FB $ FC W O : (752$‘ 52 : ‘3‘ . ;‘ . ‘607($‘ 8 . <3‘=18‘
+88(+1&$3‘ (‘+2+&(+5N (1(C+,‘ F # ,(‘8‘8 . >1‘49$‘F C#
FL W

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